CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Elevated highway, New York, N. Y., City plans 4 mi. elevated highway along Hudson River from Canal Street to Riverside Drive and 72d Street, $13,500,000.

Dam, Portland, Ore., City making plans for dam, $3,000,000.

Street work, San Antonio, Tex., City plans bond election for street work, $2,000,000.

Pulp mill, Fort William, Ont., Fort William Paper Co. plans mill, $2,000,000.

Road work, Dubuque, Iowa, Dubuque Co. voted bonds, $1,800,000.

Underground garage, Boston, Mass., City plans underground garage, $1,500,000.

Sewers and sewage disposal plant, Ohio. Surveys being made for sewer construction, $1,500,000.

Department store, St. Louis, Mo., Famous & Barr Co. making preliminary plans, $1,500,000.

Road work, Toledo, Iowa, Tama Co. voted bonds $1,437,000.

Waterworks improvement, Wichita Falls, Tex. plans bond election, $1,200,000.

Park improvement, flood prevention, San Antonio, Tex., city plans bond election, $1,150,000.

Roadway and tunnel, Oakland, Calif., City and Alameda Co. making surveys, $1,000,000.

Paving, Durham, N. C., plans extending paving program, $1,000,000.

Sewers, San Antonio, Tex., plans bond election, $1,000,000.

Hotel, Jackson, Miss., J. A. Teat having preliminary plans prepared, $1,000,000.

Memorial, Ames, Iowa, Memorial Union of Iowa State College having plans prepared, $1,000,000.

Temple and community house, New York, N. Y., Congregation Ausche Chesed plans building, $1,000,000.

Office, St. Louis, Mo., Missouri Pacific R.R. Co. having preliminary plans prepared, $1,000,000.

Apartment, Clayton, Mo., Hanley Rd Realty Co. takes bids in November or December, $1,000,000.

Bids Wanted

Apartment, Chicago, Ill., Lowenberg & Lowenberg, archts. taking bids, 12 story and basement.

Hotel, Duluth, Minn., July 6, by A. Holstead, $1,100,000.

Contracts

Hotel, Albany, N. Y., Metropolitan Realty, Inc. will build by separate contracts, $4,000,000.

Hotel, Boston, Mass., J. R. Whipple Corp. to G. A. Fuller Co., $3,000,000.

Subway, Brooklyn, N. Y., Bd. of Transportation to Corson Constr. Co., $2,473,680.

Apartment, New York, N. Y., Amalgamated Clothing Workers of America will build by separate contracts, $1,500,000.

Classified Index of Bids Wanted

Waterworks

Bids close		*See Eng. News-Record*
July 2	Cincinnati, O.	June 24
July 3	Columbus, O.	June 24
July 6	St. Paul, Minn.	July 1
July 6	West Bend, Wis.	July 1
July 6	Oxnard, Calif.	July 1
July 6	El Monte, Calif.	July 1
July 6	Long Island City, N. Y.	July 1
July 8	Gillett, Wis.	July 1
July 8	Elk Creek, Neb.	July 1
July 8	Crane, Mo.	July 1
July 9	Troy, N. Y.	June 24
	Adv. June 24 and July 1.	
July 10	Shippensburg, Pa.	July 1
	Adv. July 1.	
July 11	Grover (Tiltonville), O.	June 24
July 12	Hallidays Cove, W. Va.	July 1
	Adv. July 1.	
July 13	Sioux Falls, S. D.	June 24
July 14	Binghamton, N. Y.	June 24
	Adv. June 24 and July 1.	
July 15	Wellston, O.	July 1
	Adv. July 1.	
July 19	Charleston, Mo.	June 24
July 20	Otisville, N. Y.	July 1
July 22	Newark, N. J.	June 24

Sewers

July 6	Lynn, Mass.	June 3
July 6	Jackson, Mich.	June 17
July 6	Trenton, N. J.	July 1
July 6	Mankato, Minn.	July 1
July 6	Waite Park, Minn.	July 1
July 6	Tampa, Fla.	July 1
July 7	White Bear Lake, Minn.	June 24
July 7	New York, N. Y.	July 1
July 8	Gillett, Wis.	July 1
July 9	New York, N. Y.	July 1
July 10	Woonsocket, R. I.	July 1
	Adv. July 1.	
July 11	Grover (Tiltonville), O.	June 24
July 12	Fulton, Ky.	June 17
July 12	West Concord, Minn.	July 1
July 13	St. Louis, Mo.	June 17
July 13	Los Angeles, Calif.	June 24
July 20	West Palm Beach, Fla.	July 1
	Adv. July 1.	

Waste Disposal

July 12	Ambridge, Pa.	June 24
	Adv. June 24 and July 1.	
July 21	Orlando, Fla.	June 24

Bridges

July 2	New Hampshire	June 24
July 6	Dedham, Mass.	July 1
July 6	Phila., Pa.	July 1
July 6	Logan, Ia.	July 1
July 7	New Jersey	June 24
	Adv. June 24 and July 1.	

Bids close		*See Eng. News-Record*
July 9	Tribes Hill, N. Y.	June 17
	Adv. June 17 to July 1.	
July 9	Roanoke, Va.	June 17
	Adv. June 17 and July 1.	
July 9	Hutchinson, Kan.	June 24
July 12	New Jersey	June 24
	Adv. June 24 and July 1.	
July 13	Oskaloosa, Kan.	June 24
July 13	Ft. Wayne, Ind.	July 1
July 15	Clayton, La.	June 17
	Adv. June 17 to July 1.	
July 15	Louisiana	June 24
July 16	Huntington, W. Va.	June 17
July 20	Louisiana	July 1
July 21	Wilkes-Barre, Pa.	June 24
	Adv. June 24 and July 1.	
July 21	New Jersey and New York	July 1
	Adv. June 24 and July 1.	
July 21	Florida	July 1
July 26	Kentucky	July 1
July 27	Girard, O.	July 1
	Adv. July 1.	
Aug. 2	Mississippi	July 1

Excavation, Drainage, Irrigation, Levees, River and Harbor

July 2	Cleveland, O.	June 24
July 3	Morgantown, Ky.	June 17
July 6	Tampa, Fla.	July 1
July 6	Paragould, Ark.	July 1
July 8	New Madrid, Mo.	July 1
July 14	Van Wert, O.	July 1
July 21	Billings, Mont.	July 1

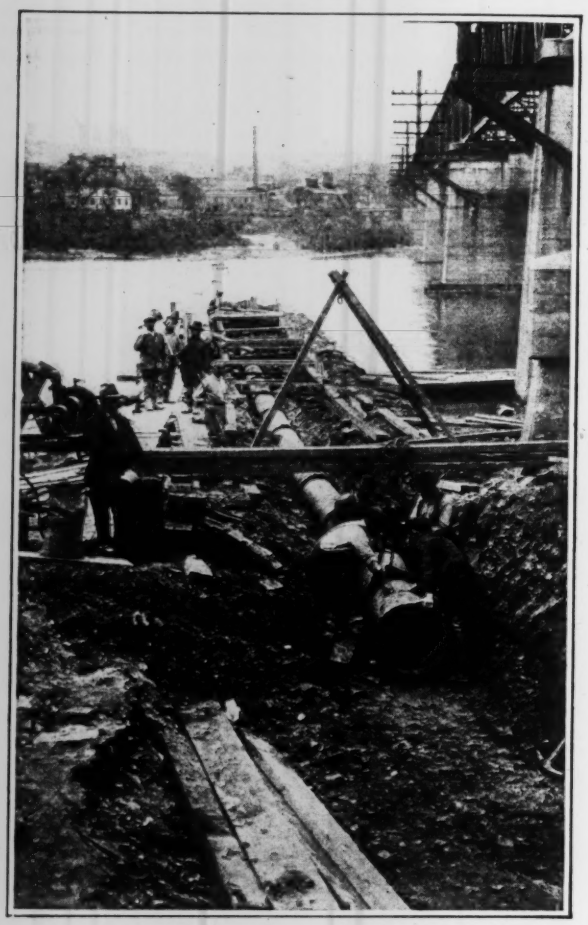
Streets and Roads

July 2	Spencer, W. Va.	June 24
July 2	Maine	June 24
July 2	Dayton, O.	June 24
July 2	New Hampshire	July 1
July 3	Everittstown, N. J.	June 24
July 3	Buffalo, N. Y.	July 1
July 5	Fowler, Ind.	June 17
July 5	Williamsport, Ind.	June 17
July 5	Jasper, Ind.	June 17
July 5	New Augusta, Miss.	June 24
July 6	Fayette, Miss.	June 24
July 6	Crawfordsville, Ind.	June 24
July 6	South Bend, Ind.	June 17
July 6	Auburn, Ind.	June 17
July 6	California	June 17
July 6	Kingston (Ind. br. Wilkes Barre), Pa.	June 17
July 6	St. Louis, Mo.	June 17
July 6	Morgantown, W. Va.	June 3
July 6	Akron, O.	June 24
July 6	Bedford, Ind.	June 24
July 6	Bound Brook, N. J.	June 24
	Adv. June 24 and July 1.	
July 6	Delhi, La.	June 24
July 6	St. Louis, Mo.	June 24

Bids close		*See Eng. News-Record*
July 6	Massachusetts	July 1
July 6	Whiteville, N. C.	July 1
July 6	Burlingame, Calif.	July 1
July 6	El Monte, Calif.	July 1
July 6	Los Angeles, Calif.	July 1
July 6	Arizona	July 1
July 6	North Milwaukee (Milwaukee P. O.), Wis.	July 1
July 6	Joplin, Mo.	July 1
July 6	Hoboken, N. J.	July 1
July 6	Davenport, Ia.	July 1
July 6	Rocky River, O.	July 1
July 6	Riverside, Calif.	July 1
July 6	Bedford, Ind.	July 1
July 6	Stevens Point, Wis.	July 1
July 6	St. Paul, Minn.	July 1
July 7	Vero Beach, Fla.	June 3
July 7	Pennsylvania	June 17
July 7	New Jersey	June 24
	Adv. June 24 and July 1.	
July 7	Indiana	June 24
July 7	South Bound Brook, N. J.	June 24
	Adv. June 24 and July 1.	
July 7	Cleveland, O.	July 1
July 7	Elizabeth City, N. C.	July 1
July 7	Weatherford, Tex.	July 1
July 7	Bremerton, Wash.	July 1
July 7	Ida Grove, Ia.	July 1
July 7	New York, N. Y.	July 1
July 7	St. George, N. Y.	July 1
July 7	Leakesville, Miss.	July 1
July 7	Marion, Ia.	July 1
July 7	Paducah, Ky.	July 1
	Adv. July 1.	
July 7	West Palm Beach, Fla.	July 1
July 7	Mt. Vernon, Wash.	July 1
July 7	Nevada	July 1
July 8	Portland, Ind.	June 17
July 8	Decorah, Ia.	July 1
July 8	Brooklyn, N. Y.	July 1
July 8	Esterville, Ia.	July 1
July 9	Hutchinson, Kan.	June 24
July 9	New York	June 24
	Adv. June 24 and July 1.	
July 9	Palestine, Tex.	June 24
July 9	Tennessee	July 1
July 9	New York	July 1
	Adv. June 24 and July 1.	
July 9	New York, N. Y.	July 1
July 12	Kentucky	June 24
July 12	New Jersey	June 24
	Adv. June 24 and July 1.	
July 12	California	July 1
July 12	Cloverdale, Calif.	July 1
July 12	Los Angeles, Calif.	July 1
July 12	San Rafael, Calif.	July 1
July 12	Livermore, Calif.	July 1
July 12	Minneapolis, Minn.	July 1
July 13	St. Louis, Mo.	June 17
July 14	Delaware	June 24
July 14	Alabama	June 24
July 14	Olathe, Kan.	July 1

See proposal advertising on page 164

TRADE **"LEADITE"** MARK
Registered U. S. Pat. Office



Laying 20-in. c.i. bell and spigot water main across Schuylkill River with LEADITE joints.

Speed— Pipe Laying

Thousands of miles of cast iron water mains have been laid with LEADITE by large cities, towns, villages, railroads, mines, and industrial plants.

These pipe lines are laid under paved streets, under and over bridges, under railroad tracks, across streams, thru open country, in filter galleries—high and low pressures—under all conditions of water works construction.

This is the way some LEADITE users lay pipe:

1710 ft. 6 in. pipe laid in one day.
1665 ft. 6 in. pipe laid in 7½ hrs. with 6 men.
91 lengths 20 in. pipe laid in one day.
15 to 19 lengths 48 in. pipe laid in one day—laid one length in 7 minutes.
3860 ft. 6 in. and 8 in. pipe laid in 9 hrs. with 2 gangs.

You can do this.

The up-to-date water works man specifies and uses LEADITE.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking Material for c.i. pipe

Be Sure It Is LEADITE and Accept No Imitations

THE LEADITE COMPANY, Inc.
1512 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close		See Eng. News-Record
July 14	Ft. Wayne, Ind.	July 1
July 14	San Marino, Calif.	July 1
July 15	Girard, Kan.	June 17
July 15	Ripley, Miss.	July 1
July 16	Pennsylvania Adv. July 1.	July 1
July 16	Cincinnati, O.	June 24
July 16	Leavenworth, Kan.	July 1
July 16	Ohio	July 1
July 16	Cleveland, Miss.	July 1
July 16	Bronxville, N. Y. Adv. July 1.	July 1
July 19	Minneapolis, Minn.	June 24
July 19	Apalachicola, Fla. Adv. June 17 to July 1.	June 24
July 19	Topeka, Kan.	July 1
July 20	Lakeland, Fla. Adv. July 1.	July 1
July 20	Eldorado, Kan.	July 1
July 21	Florida	July 1
July 25	Michigan	June 17
July 26	Kentucky	July 1
July 27	Louisiana	June 24

Buildings—Commercial

July 2	Norristown, Pa.	June 24
July 6	Poteau, Okla.	July 1
July 6	Duluth, Minn.	July 1
July 7	Sullivan, Ind.	June 3
July 7	Burlington, Vt.	July 1
July 7	Linden, N. J.	July 1
July 8	Cambridge (Boston P. O.), Mass.	July 1
July 8	Grantsville, W. Va.	July 1
July 8	Springfield, Ill.	July 1
July 12	Charleston, W. Va.	June 10
July 12	Ada, Okla.	July 1
July 12	Kernville, Tex.	July 1
July 14	Camden, N. J. Adv. July 1.	July 1
July 14	Raleigh, N. C.	July 1
July 15	Richmond, Ind.	July 1
Aug. 2	Cleveland, O.	June 24
Sept. 1	Vancouver, B. C.	Apr. 22

Buildings—Industrial

July 7	New York, N. Y.	July 1
July 8	Poughkeepsie, N. Y.	July 1
July 8	Chicago, Ill.	July 1

Buildings—Educational, Religious

July 2	South Bend, Ind.	June 24
July 2	Columbus, Miss.	June 24
July 3	Madison, Wis.	July 1
July 6	South Williamsport (Williamsport P. O.), Pa.	June 24
July 6	Camden, N. J.	July 1
July 7	West Brighton (mail West New Brighton), N. Y.	June 24
July 7	Belchertown, Mass.	July 1
July 7	Los Angeles, Calif.	July 1
July 7	Lincoln Park (mail Detroit), Mich.	July 1
July 7	Grass Lake, Mich.	July 1
July 8	Indianapolis, Ind.	July 1
July 9	Bexley (Columbus P. O.), O.	July 1
July 9	South Bend, Ind.	July 1
July 9	Phila., Pa.	July 1
July 13	Union, N. J.	July 1
July 14	San Francisco, Calif.	June 17
July 14	East Elmhurst (Ind. Sta. Flushing), N. Y.	July 1
July 21	Dayton, O.	July 1

Federal Government Work

July 2	Dredging — New Haven, Conn.	June 3
July 6	Dikes—Rocheport, Mo.	June 24
July 6	Revetment—New Orleans, La.	June 24
July 6	Remodeling—Beaver Falls, Pa.	July 1
July 6	Cable, etc.—Wash., D. C.	July 1
July 7	Motors, etc.—Wash., D. C.	May 13
July 7	Levees—Vicksburg, Miss. Adv. June 17 to July 1.	June 17
July 7	Dredging—Phila., Pa.	June 24
July 7	Equipment—Wash., D. C. Adv. June 24 and July 1.	July 1
July 7	Circulating Loop—Boston, Mass.	July 1
July 7	Extracting and Purifying System—Brooklyn, N. Y.	July 1
July 9	Hull—Memphis, Tenn. Adv. June 10 to July 1.	June 10
July 9	Remodeling—Middletown, N. Y.	July 1
July 12	Rock Removal—Newark, N. J. Adv. June 10, 17 and July 1.	June 10
July 12	Tailrace, etc.—Nebraska-Wyoming	June 10
July 15	Dredging—Hawaii	May 13
July 15	Metal Work—Louisville, Ky. Adv. June 17 to July 1.	June 17
July 15	Barges—Vicksburg, Miss. Adv. July 1.	July 1
July 20	Transformers — Florence, Ala.	June 17
July 23	Breakwater—Providence, R. I. Adv. June 24 and July 1.	June 24
July 27	Hospital — Northport, N. Y. Adv. June 24 and July 1.	June 10
July 29	Dredging—Los Angeles, Calif. Adv. June 24 and July 1.	June 24

Unclassified

July 2	Swimming Pool—Cleveland, O.	June 24
July 2	Swimming Pool and Shelter—Phila., Pa.	July 1
July 6	Wharves, etc.—New Orleans, La.	July 1
July 7	Platform Extensions—New York, N. Y.	June 24
July 7	Borings—New York Adv. June 24 and July 1.	July 1
July 7	Heating, Ventilating and Plumbing—Rushville, Ind.	July 1
July 7	Bulkhead—New York, N. Y.	July 1
July 7	Borings—New York	July 1
July 7	Coffer Dams—Foxboro, Mass.	July 1
July 12	Ornamental Lighting—Elmhurst, Ill. Adv. July 1.	July 1
July 20	Electrical Equipment—New York, N. Y.	June 24
Aug. 16	Turbo-Generator—Moose Jaw, Sask. Adv. June 24 and July 1.	June 24
Sept. 30	Crane Gantries, etc.—Otahulu, New Zealand	May 20
Nov. 1	Buildings, etc.—New Zealand	July 1

Materials

July 6	Road Oil—Orange, Calif.	July 1
July 6	Cement—Long Island City, N. Y.	July 1
July 7	Crushed Stone — North Fond du Lac (br. Fond du Lac), Wis.	July 1
July 7	Rail Bonds—Phila., Pa.	July 1

News of New Work

Waterworks

Proposed Work

N. Y., Albany—Common Council plans additional water supply, incl. dams, reservoirs, aqueduct, etc. $300,000.

N. C., Elizabeth City — Voted $480,000 bonds, waterworks extensions and improvements. A. McCabe, mayor. Noted June 17.

N. C., Lexington—Soon takes bids extending water and sewerage systems. $80,000. N. R. Kinney, Lexington, engr.

N. C., Winston—Salem—Plans election $400,000 bonds, waterworks and sewers in various streets.

La., Ruston—See "Buildings—Industrial."

Ia., Calumet—Election July 7, $25,000 bonds, complete waterworks and distribution system. W. E. Buell & Co., 205 Davidson Bldg., Sioux City, engrs.

Kan., Kanarado—Made plans new waterworks. $30,000 bonds voted. Haskins & Crawford, 824 Finance Bldg., Kansas City, Mo., engrs. Noted June 3.

Neb., McCook—Election July 6, $105,000 bonds, improving waterworks. Bruce & Grupe, 710 Bankers Reserve Life Bldg., Omaha, engrs. Noted June 10.

Mo., Deepwater—Election soon $50,000 bonds, waterworks. Russell & Axon, 412 McDaniels Bldg., Springfield, engrs. Noted Jan. 28.

Mo., Pleasant Hill — Election July 13, $21,000 bonds, improving waterworks. W. B. Rollins & Co., 521 Ry. Exch. Bldg., Kansas City, engrs. Noted June 3.

Mo., Potosi — Election July 6, $37,500 bonds, complete waterworks, distribution system, etc.

Ark., Freeman — Plans waterworks and distribution system. $50,000. Engineer not selected.

Tex., Celeste — Making plans complete waterworks and sewerage system. $50,000. Koch & Fowler, Central Bank Bldg., Dallas, engrs.

Tex., Ft. Worth—D. L. Lewis, city engr., soon takes bids 9 mi. 60 in. conduit line from Lake Worth to here, $400,000, also 7,000 tons additional pipe at $54 per ton, for City.

Tex., Hale Center—Making plans waterworks. $50,000. F. E. Devlin Eng. Co., 614 Bitting Bldg., Wichita, Kan., engrs.

Tex., Houston—W. A. Dowdy, archt., 402 Euclid Ave., soon takes bids 1 and 2 story, 103 x 123 ft., brick, stone and steel pump house, Central Water Plant, for City. $150,000.

Tex., Mission—Takes bids after July 1, 1½ m.g. daily capacity filtration plant, incl. 2,000 ft. 10 in. c.i. and 1,000 ft. 12 in. sewer pipe. $50,000. Ewig & Congdon, Mission, engrs.

Tex., Wichita Falls—Postponed election $1,200,000 bonds, waterworks improvements, incl. pumping, filter and softening plants at Lake Wichita and high pressure mains in city. T. W. Taylor, University of Texas, Austin, consult. engr. Noted May 20.

Okla., Clinton—Defeated $615,000 bonds new water supply. Benham Eng. Co., 512 Gumbel Bldg., Kansas City, Mo., engrs. Noted May 13.

Okla., Coweta — Voted $20,000 bonds, main extensions, etc., in various streets. W. E. Davis, Cole Bldg., engr.

Okla., Glencoe — Making preliminary plans new waterworks. $17,000. M. H. Humphrey, mayor. Engineer not selected.

Okla., Skiatook—Made preliminary plans new wells, deep well pumps and c.i. main extensions. $35,000. W. E. Davis, Cole Bldg., Tulsa, engr.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Ore., Molalla—Making plans 500,000 gal. concrete reservoir and 2 mi. pipeline. $25,000. F. A. Allen, Ry. Exch. Bldg., Portland, engr.

Ore., Portland—J. Mann, city comr., City Hall, making plans and specifications, constructing dam on Bear Creek for reservoir. $3,000,000.

Calif., Santa Ana—Orange Grove Co. Water Wks. Dist. 3, to Pacific Pipe & Supply Co., 1002 Santa Fe Ave., Los Angeles, 3,200 ft. 6 in. c.i. bell and spigot pipe at $0.80 per ft., and 3,500 ft. 4 in. $0.54. Noted June 10.

Ont., Brampton—Making plans improving waterworks, incl. standpipe, mains, booster pump. $60,000. A. Riehl, city engr.

B. C., Penticton—Making plans dams for water storage Howard Lake, near here. $60,000. W. H. Murfitt, municipal engr.

Bids Desired

N. Y., Long Island City—July 6, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in 88th Dr., 88th Rd., Commonwealth Blvd., 89th Ave., etc., here.

N. Y., Otisville—July 20, by L. I. Harris, pres. Bd. Health, 505 Pearl St., New York City, intake screen chamber, sedimentation basin and pressure filter plant, mains, etc., at municipal sanitarium, here.

Pa., Shippensburg—July 10, at office J. B. Hockersmith, boro. clk., constructing concrete and earth dam, relocating road and appurtenant work. Franklin & Co., engrs.; adv. E. N.-R. July 1.

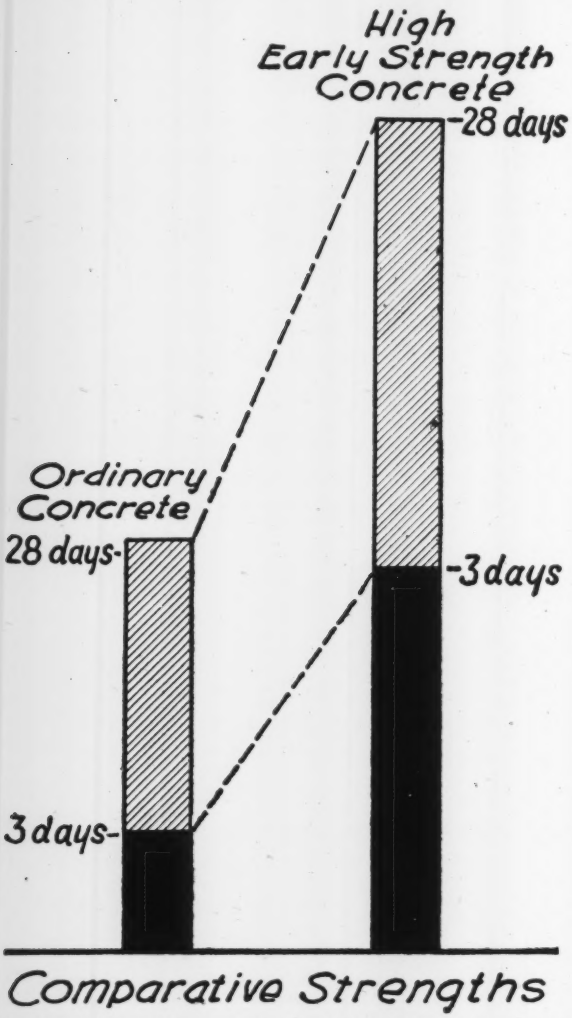
W. Va., Harrisville—Taking bids 6 mi. 4 and 8 in. c.i. mains, etc. in various streets, and 175,000 gal. capacity concrete reservoir. J. V. Dunbar, city engr. Noted Dec. 3.

W. Va., Hollidays Cove—July 12, by Common Council, C. S. Cattrell, mayor, water distribution system. Hudson & Myron, 802 Wabash Bldg., Pittsburgh, Pa., engrs.; adv. E. N.-R. July 1.

O., Wellston—July 15, at office T. Waters, dir. Pub. Serv., improving waterworks. H. K. Bell, Lexington, Ky., consult. engr.; adv. E. N.-R. July 1.

Wis., Gillett — July 8, by P. Nygaard, village clk., separate bids furnishing and

Constr. News page 2



(COPYRIGHT REGISTERED, U.P.C. CO., ALL RIGHTS RESERVED)

Quick-Hardening Concrete with a *3-day* strength of 2000 pounds or more, with a 28-day strength *double* the 28-day strength of ordinary concrete and with any consistency or degree of workability desired is obtained with standard *Universal* cement, the same quality *Universal* as regularly used, by following the methods described in a circular sent promptly on request. Simply use the coupon below.

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

Universal Portland Cement Co., Chicago.
310 South LaSalle Street, Chicago.

Please send me details on how to obtain strong concrete in 3 days with standard Universal cement.

Name .....

Address .....

(7-11)

Waterworks (Continued)

laying 8,300 ft. 6 in. and 4,350 ft. 8 in. Class 150 centrifugal pipe; twenty-six 6 in. and twelve 8 in. valves; 22 hydrants, 38 manholes, 6 tons specials 8 ton virgin soft lead 200 lb. dry jute, etc. McMahon & Clark, City Hall, Menasha, engrs. Noted May 27.

Minn., St. Paul—July 6, by A. E. Eggart, city purch. agt., 21,120 ft. 6 in. and 2,640 ft. 4 in. bell and spigot water pipe. G. M. Shepard, city engr.

Neb., Elk Creek—July 8, by G. Eversole, city clk., 7,419 ft. 2- to 6-in. c.i. mains suction pipe, specials, gate valves, pumping machinery, tower and tank, concrete pumppit, etc. $15,410. R. C. Gore, Tecumseh, engr. Noted May 6.

Mo., Crane—July 8, by W. C. Cope, city clk., rein.-con. storage reservoir, pumphouse, pumping machinery, mains, etc., in various streets. Russell & Axon, 412 McDaniels Bldg., Springfield, engrs. Noted Feb. 18.

Bids Received

Conn., Bethel—Town Selectmen improving water supply, from B. J. Dolan, Bethel, $18,115. Noted June 3.

Md., Baltimore—Bd. Awards, valves and hydrants for Bureau Water Supply, from A. P. Smith Co., Norman St., East Orange, N. J., $23,348. Noted June 10.

Miss., Gulfport—Rein.-con. storage reservoir, from G. P. Hopkins, Gulfport, $38,775.

O., Cleveland — Comrs. Cuyahoga Co., June 16, 23,000 ft. 6 in. c.i. main in Lake Rd., Impvt. 1054, from Kassouff & Co., 3182 West 25th St., 48,964. Noted June 10.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., June 18, 5,145 ft. 6- to 48-in. c.i. mains in Booth and various other streets, from J. Brogan & Sons, 211 Grand Ave., $81,003.

Wis., Milwaukee—Central Bd. Purchases, J. W. Nicholson, ch. buyer, June 21, 1,135 ft. 40 in. and 418 tons 20 in. plain straight Class C pipe, from U. S. Cast Iron Pipe & Fdry. Co., 12 South Michigan Blvd., Chicago, Ill., $46.90 per ton. Noted June 17.

Tex., Dallas—Dalton & Parker, engrs., Wilson Bldg., complete waterworks in Broadmore and Highland additions, from W. G. Cullum & Co., 703 Central Bank Bldg., $92,700; also 200 tons 8 in. and 100 tons 6 in. B. B. & S. pipe, from Amer. C. I. Pipe Co., Praetorian Bldg., $53.50 per ton. Noted June 10.

Wash., Tacoma—Comrs. Water & Light, 27,906 ft. 36 in. steel pipe line connecting J St. standpipe with new proposed reservoir, from Steel Tank & Pipe Co., Tacoma, $199,532. Engrs. est. $250,000.

Calif., Los Angeles—City Water & Power Comn., 60,000 ft. 6 in. Matheson welded steel pipe (under Spec. 793-B), from N. O. Nelson Mfg. Co., 724 Terminal St., $57,460.

Contracts Awarded

N. Y., Long Island City — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Elmhurst, Lamont, 5th, Merrick, 34th Aves., etc., to Bruno Costanzo, 2777 Myrtle Ave., Brooklyn, $6,930; and in Elmhurst, Lamont, 37th Aves., to G. V. Cornell, 30 Egbert Pl., St. George, $48,898. Noted June 24.

N. Y., New York — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Bryant, Garrison, Jerome, Longfellow Aves., etc., also in DeKalb, Harrison Aves., etc. to Riverdale Water Works Corp., 335 East 113th St., $12,500 and $14,100 respectively. Noted June 24.

N. Y., St. George — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Bogert, Cloverdale, Craig Aves., etc., here, to Knight & DeMicco, Inc., 448 East Tremont Ave., New York City, $23,434. Noted June 24.

W. Va., Wheeling—Mains in Washington Ave. and 7 other streets, to G. T. Coffey, Wheeling, $45,000; in Ritoy Hill Rd. and other streets, to Yates-Neer Co., Wheeling, $26,064.

N. C., Sanford—W. H. Fitts, mayor, earth and concrete impounding dam and coagulating basin, to R. G. Patterson & Co., Charlotte, $49,500. Noted May 20.

Fla., Sarasota — Constructing pumping station and reservoir, to Northern Contg. Co., Sarasota, $27,844.

Miss., Gulfport—Mayor and City Comn., rein.-con. storage reservoir and brick pump house, to H. A. Forrest, 918 Short St., New Orleans, La., $33,900. Noted June 3.

O., Cincinnati—Director Pub. Serv., 1,120 tons 4- to 24-in. hub and spigot c.i. pipe, etc. to water distribution system for Mt. Airy Water Tanks, to U. S. Cast Iron Pipe Co., Addyston, $8,833. Engrs. est. $10,000. Noted June 24.

O., Cleveland — Comrs. Cuyahoga Co., 5,400 ft. 12 in. c.i. mains in Columbia and Butternut Ridge Rds., Impvt. 753, to Lodi Concrete Co., Lodi, $23,984. Noted June 3.

O., Maple Heights (Bedford P. O.)—See "Waterworks."

Ill., Hillsboro—Filtration plant, etc., to Cope & Fisher, New Suffern Bldg., Decatur, $55,120. Noted Mar. 18.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., 14,435 ft. 6- to 16-in. c.i. mains in Hadley St., etc., to Wenzel & Henoch Constr. Co., 498 27th St., $15,545. Noted June 24.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., 6,166 ft. 6- to 54-in. mains in Burleigh and 53rd Sts., to G. E. and Le R. Zimmermann, 3402 Grand Ave., $61,107. Noted June 24.

Tenn., Nashville — LAUNDRY — Troy Laundry Co., 5th Ave. N., brick and concrete, 17th and State Sts., to J. B. Regen & Co., 117 5th Ave. N. $40,000.

Ia., Atlantic—Waterworks improvements, incl. two 500 gal. capacity pumps, to Amer. Well Works, 112 Bway., Aurora, Ill., $3,065; one 350 gal. capacity pump, to Worthington Pump & Mchy. Corp., 115 Bway., New York City, $526; 2,400 ft. 6 in. and 670 ft. 4 in. c.i. mains, etc., to A. Y. McDonald Mfg. Co., 1201 Dodge St., Omaha, Neb., $2,565; pipe labor, etc., to R. O. Lovett, Atlantic, $1,780. Grand total $7,936. Noted June 10.

S. D., Mitchell—F. McGovern, city aud., elevated steel tank and tower, to Pioneer Bridge Co., Mitchell, $15,955. Noted June 24.

S. D., Sioux Falls—City, W. C. Leysa, aud., engine, generator and pumps for Water Dept., to McIntosh & Seymour Corp., Auburn, N. Y., $43,510. Noted May 20.

N. D., Crosby — O. Woolfrey, city aud., waterworks, to S. E. Huso Co., Crosby, and Lake Mills, Ia., approximately $62,000. Noted May 20.

Mo., Bowling Green—Drilling 800 ft. well, to Wise Well Drilling Co., 7516 Teasdale Ave., St. Louis. Noted Apr. 22.

Mo., St. Louis—Koken Companies, Texas Ave. and Sidney St., 75,000 gal. steel tank on 75 ft. tower, 3400 Morganford Rd., to Chicago Bridge & Iron Wks., 37 West Van Buren St., Chicago, Ill.

Sewers

Proposed Work

Mass., Boston — Dept. Pub. Wks., plans sewerage works in Dorchester and Brighton Dists. $27,450. J. H. Sullivan, comr.

N. Y., Albany — Common Council plans sewer, etc. in easterly side West Lawrence St. from Jay to Lancaster Sts.

N. C., Elizabeth City—Voted $142,000 bonds, sanitary and storm sewers in various streets. A. McCabe, mayor. Noted June 17.

N. C., Winston-Salem — See "Water works."

Miss., Forest—Soon takes bids sewerage system. M. L. Culley, Jackson, engr.

La., Ruston—See "Building—Industrial."

Ohio — Made surveys sewage disposal plant and sewer construction for communities of Wickliffe, Willoughby and Willowick. $1,500,000. B. Gascoigne Co., Leader News Bldg., Cleveland, engr. W. L. Havens, Willoughby, assistant engr.

O., Willowick — Plans sewers in various streets. $100,000. Sterling Eng. Co., 7016 Euclid Ave., Cleveland, engrs.

Minn., Buffalo — Making plans sanitary sewerage system. $40,000. S. J. Siverts, Jr., 300 Builders Exch. Bldg., Minneapolis, engrs.

Mo., Rolla — Election July 6, $46,000 bonds, sewers in various streets. Black & Veatch, 700 Mutual Bldg., Kansas City, engrs.

Ark., Fayetteville—Rejected bids two unit disposal plants, 9,600 ft. 18- to 22-in. sewers, etc., in various streets. Will readvertise. E. M. Ratliffe, Stone Bldg., engr. Noted Feb. 11.

Tex., Celeste—See "Waterworks."

Tex., Mexia—Election July 27, $25,000 bonds, storm sewers in various streets. J. G. McIntosh, city mgr.

Tex., Mission—See "Waterworks."

Tex., Wichita Falls — Postponed election $100,000 bonds, extending sewers in various streets. Engineer not selected. Noted June 3.

Tex., San Antonio—Election soon $1,000,000 bonds, sanitary and storm sewers in various streets. I. Ewig, city engr.

Okla., Coweta—Voted $51,000 bonds, sanitary sewerage system. W. E. Davis, Cole Bldg., Tulsa, engr. Noted May 13.

Okla., Skedee—Making preliminary plans new sewerage system. $25,000. J. N. Carmean, mayor. Engineer not selected.

Ore., Grants Pass—Making plans extending and improving sewerage system. $65,000. Stevens & Koon, Spalding Bldg., Portland, engrs.

Calif., Coronado—Plans election $25,000 bonds, storm drain in Orange Ave. between 5th and 10th Sts.

Calif., Los Angeles—Plans 8- to 24-in. vitr. sewer in portions Bundy Dr., Saltair and Westgate Aves., etc. To exceed $25,000.

Ont., Toronto — East York Twp. plans 1,173 ft. 12 and 15 in. vitr. tile sewers in Woodbine Ave., 840 ft. 12 in. in Fayler Crescent, 200 ft. 12 in. in Westlake Ave., and 1,328 ft. 12 in. Donlands Ave. $28,901 G. R. Jack, 443 Sammon Ave., engr.

Ont., Welland — Plans storm sewers in Hallems Ave. $35,000. C. H. Coulson, City Hall, engr.

Bids Desired

R. I., Woonsocket—July 10, by Bd. of Sewer Comrs., City Hall, 1,750 ft. 20 in. sanitary sewer and appurtenances through Bernon Pond. F. H. Mills, city engr.; adv. E. N.-R. July 1.

N. Y., New York—July 7, by J. Miller, pres. Manhattan Boro, Municipal Bldg., grit chamber, emergency sluice gate, etc., at proposed sewage treatment plant, in West and Marginal Sts.

N. Y., New York—July 9, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., sewer in Fteley and Matthews, DeReimer, Wilder, Hill Aves., etc.

N. J., Trenton — July 6, by Bd. Freeholders Mercer Co., drainage system in Rosedale-Mt. Rose Rd. H. F. Harris, Trenton, engr.

Fla., Tampa—July 6, by McElroy Eng. Co., engrs., 32-34 Giddens Bldg., J. G. Yeatis, pres., placing 18.22 mi. pipe and concrete boxes in the Interbay Drainage Dist. $200,000.

Fla., West Palm Beach—July 20, by City Comn., sewers in various streets known as Sewer Dist. 10-A. T. B. Henry, city engr.; adv. E. N.-R. July 1.

Wis., Gillett — July 8, by P. Nygaard, village clk., 17,110 ft. 8- to 15-in. vitr. sewers, two hundred and fifty 8 x 6 Y's, etc. in various streets. To exceed $25,000. McMahon & Clark, City Hall, Menasha, engrs. Noted May 27.

Minn., Mankato—July 6, by F. W. Bates, city clk., constructing approximately 20,000 ft. 6- to 24-in. sewers in Lower System, and approximately 30,000 ft. 6- to 30-in. in Upper System. Former bids rejected. L. P. Wolff, 903 Globe Bldg., St. Paul, engrs. Noted June 10.

Minn., Waite Park—July 6, by Village, L. A. Cleall, clk., constructing 22,000 ft. 8- to 15-in. sewers in various streets. $300,000. S. S. Chute, Court House, St. Cloud, engr. Noted Dec. 17.

Minn., West Concord—July 12, by F. M. Campbell, village recdr., 16,022 ft. 8- to 12-in. sanitary and 1,824 ft. storm sewers, etc., in various streets, also disposal plant. $40,000. Toltz, King & Day, Builders Exch. Bldg., St. Paul, engrs.

Bids Received

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., June 25, from Fiorello & Koch, 1895 Belmont Ave., sewer in Bronxwood Ave. $15,930, Monticello Ave. $3,745, and in East Tremont Ave. $7,970. Noted June 17.

O., Cleveland — Comrs. Cuyahoga Co., June 16, 8,300 ft. 8- to 54-in. sewers in Broadview and Brookpark Rds., Impvt. 75A, from W. B. Smith, 1350 West 89th St., rein.-con. $90,924; from T. George & Ameen Co., 2165 East 33rd St., segmental block $93,349, and brick $103,893. Noted June 10.

Mich., Detroit—Dept. Pub. Wks., 2,480 ft. concrete sewer in Seven Mile Rd. Arm, Sect. 5, Ashland Ave. Sewer, from W. Blanck Co., 40 Seven Mile Rd. E., $138,629. Noted June 17.

Calif., El Cerrito—From W. J. Tobin, 527 Santa Ray Ave., Oakland, improving Berkeley Country Club Terrace, 44,188 lin.ft. 6 in. vitr. pipe at $1.23 per lin.ft., 6 in. c.i. pipe $3, etc., total $60,691. Noted Feb. 18.

Calif., Los Angeles—City Harbor Comn., from L. R. Weber, 1044 18th St., Santa Monica, sewer to serve Fish Canneries, 785 ft. 36 in. rein.-con. pipe at $9.50 per ft., 1,350 ft. 33 in. $9, 280 ft. 30 in. $8.75, and 510 ft. 24 in. $7.65, total $27,785. Noted June 17.

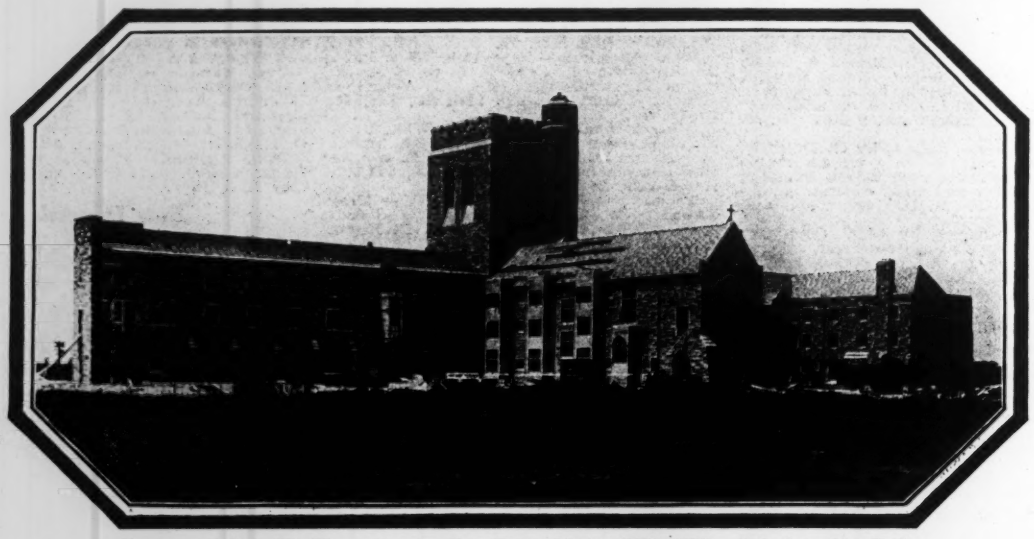
Calif., Los Angeles—For 10,589 ft. 6 in. vitr. clay sewer in Citrus Ave. between Willoughby and 1st alley north of Melrose Ave., from J. M. Derenia, 237 West 83rd St., $40,658.

Calif., Los Angeles—Constructing underground conduits and manholes in Municipal Impvt. Dist. 42, from Underground Constr. Co., 2210 Hyperion, $63,541.

Calif., Ojai — L. D. Conklin, city clk., June 14, approximately 20,190 ft. 8 in. vitr. sewer in Signal St., Grand Ave., etc., from B. C. Nichols, 1216 Manhattan Ave., Manhattan Beach, $89,594. Noted May 27.

Constr. News page 3

THE LARGEST-SELLING MASON'S CEMENT IN THE WORLD



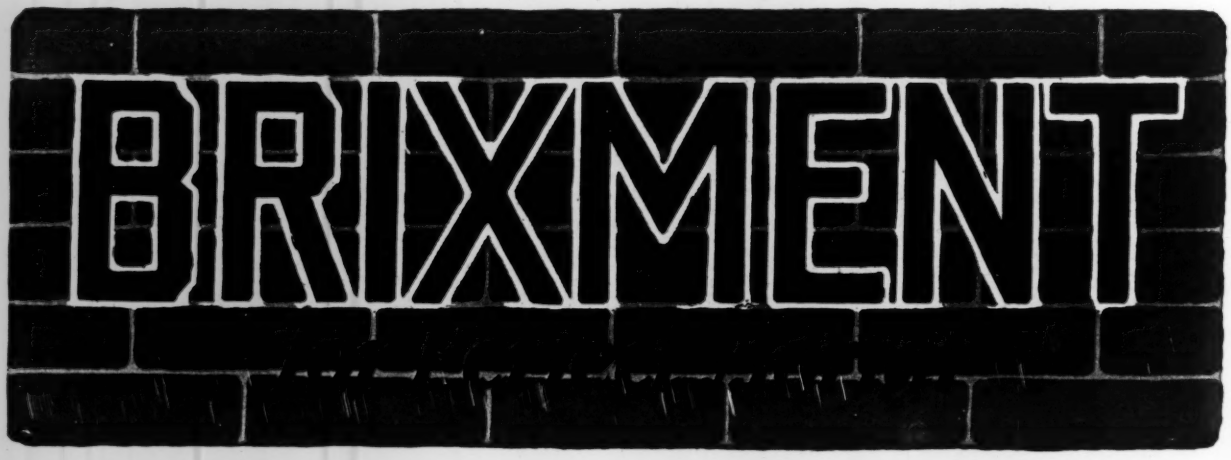
Dominican College of St. Thomas Aquinas, River Forest, Chicago. Wilfred Edwards Anthony, New York, Architect; F. A. O'Hare, Chicago and New York, Contractor. BRIXMENT mortar used throughout

BRIXMENT—*for hot-weather masonry*

THE same oily, water-repellent quality of BRIXMENT mortar that gives it a special advantage for winter use makes it ideally suitable for hot-weather masonry. It discourages scorching, thirsty brick from drinking up all plasticity and impairing the formation of a strong, well-keyed bond. BRIXMENT mortar is naturally smooth and buttery and the fact that no lime is required forestalls any temptation to weaken the mix for the sake of obtaining plasticity. In winter and summer BRIXMENT mortar assures a joint of uniform and invariable strength equal to that of the brick it binds. Architects' handbook on request.

LOUISVILLE CEMENT CO., *Incorporated*, Louisville, Ky.

Cement Manufacturers for Ninety-five Years



Sewers (Continued)

Contracts Awarded

O., Akron—W. F. Peters, dir. Pub. Serv., (e. e. **means engrs. est.**), constructing 7,760 ft. 8- to 45-in. vitr. clay trunk sewer in Juka Ave. et al, and 4,220 ft. 8- to 30-in. sanitary trunk and local sewer in Mercer Ave. et al, to E. and W. McShaffrey, 574 Rhodes Ave., $30,143 and $16,167 respectively, e. e. $43,750 and $21,500 respectively; 2,920 ft. 8- to 30-in. vitr. clay sanitary sewer and house connections in Laffer Ave. et al, to F. George, 1657 Mahoning Ave., Youngstown, $16,283 e. e. $22,500, and 1,755 ft. 8- to 15-in. in Kline St. et al, to Shullo & De Luca Constr. Co., 140 North Summit St., $6,251 e. e. $8,100. Grand total $68,844. Noted Mar. 11.

O., Maple Heights (Bedford P. O.) — Storm and sanitary sewers in 6 streets, and c.i. watermains in 5 streets, to Hadded-Mall Co., Schofield Bldg., Cleveland, $97,-086. Noted June 10.

Ill., Chicago—Bd. Local Impvts., Room 207, City Hall, tile sewers with brick manholes in South Hoyne Ave., from point 135 ft. to James St., in West 96th St. from South Racine Ave. to point 235 ft. east, South Talman and South Washtenaw Aves. from West 107th and West 109th Sts., South Fairfield Ave. from West 106th to West 107th Sts., West 107th St. from South Western to South California Aves., North Newland Ave. from Diversey to Belmont Aves., Fletcher, George, Wolfram and Metripole Sts., Barry, Wellington and Oakdale Aves., from North Newland to North Sayre Sts., and Diversey Ave. from Oak Park to North Harlem Aves., to Donato & Benedetto; in Burley Ave. from East 83rd St. to point 225 ft. south, in South Ashland Ave. from 110th St. to 112th Pl., in Cortez St. from North Keeler to North Kilbourne Aves., to Angelo Sculley, Chicago; in South Karlov Ave. from Archer Ave. to 47th St., in Montrose Ave. from North Menard to North Austin Aves., in North Newcastle and North New England Aves. from Diversey to Belmont Aves., in West 106th St. from Prospect Ave. to South Wood St., in Lafayette Ave. and South LaSalle St. from West 79th to West 84th Sts., in 81st St. from South State St. to Wentworth Ave., in North Newcastle, Oak Park, Normandy, and North Natoma Aves. from Raven St. to Albion Ave., in Irene St. from North Oak to North Normandy Aves., in Imlay St. from Milwaukee to North Newark Aves., in Infula St. from North Natoma to North Newcastle Aves., and in Newell Ave. from North Newark to North Newcastle Aves., to John Tiritilli, Chicago; in West 103rd St. from South Western Ave. to point 20 ft. west, in West 107th St. from South Washtenaw to South California Aves., and in South Fairfield and South California Aves. from West 106th to West 107th Sts., to Fosno Bros.; in Ellis Ave. from East 83rd to East 84th Sts., in East 87th St. from Dorchester to Kimbark Aves., in Ingleside Ave. from East 85th to East 87th Sts., and in South Evergne Ave. from West 63rd to West 65th Sts., to G. Barry, 5924 South Wabash Ave.; in Avenue H from East 108th to East 112th Sts., in Essex Ave. from East 109th St. to Yates Ave., and in Oglesby Ave. from East 89th to East 90th Sts., to E. Till, 5475 Hirsch St.

Wis., Wauwatosa—Bd. Pub. Wks., A. V. Brigham, secy., 15- to 42-in. concrete and rein.-con. storm sewers in East Milwaukee, Stickney, Watson Aves., etc., to F. E. Kaminski, 745 46th Ave., West Allis, $24,-909.

Wis., Milwaukee — J. H. Fowles, secy. Metropolitan Sewerage Comn., 508 Market St., extending 10,700 ft. special concrete sewer for Sect. 1 Grand Ave., to Hoag & Rollins Co., 719 West Libert St., Louisville, Ky., $346,000. Noted June 17.

Wis., Milwaukee — J. H. Fowles, secy. Metropolitan Sewerage Comn., 508 Market St., sewage booster station, Fairmount Ave., Whitefish Bay, to Kroening Constr. Co., 39th Ave. and Mitchell St., $38,742. Noted June 17.

Minn., Lesueur Center — City, A. A. Tambornino, clk., sewage treatment plant and sanitary sewerage system, incl. approximately 21,189 ft. 8- to 12-in. pipe, etc., to Ecklund Constr. Co., 109 Phoenix Bldg., Minneapolis, $26,455. Engrs. est. $50,000. Noted June 3.

Minn., Rochester—A. F. Wright, city clk., extending 10,850 ft. 8- to 24-in. trunk sewers in various streets, to W. C. Fraser & Son, 1955 University Ave., St. Paul, $32,-121; and to Ormand & Feller, Rochester, $13,280. Noted June 3.

Kan., Medicine Lodge—Sanitary sewers in various streets and disposal plant, to C. L. Burt, 1005 North Washington St., Hutchinson, $50,138. Noted Apr. 1.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, vitr. clay, brick and segmental block sewers in Glaise Creek Dist. 26, to Hogan Contg. Co., Melbourne Hotel, $55,702; and Sect. F, Ohio-Montrose Relief Sewer, to Fruin-Colnon Constr. Co., Merchants Laclede Bldg., $55,721. Noted June 17.

Tex., Aspermont—Sewerage system and disposal plant, to H. H. Shadle, Aspermont, $25,000.

Tex., Houston—Storm sewers in White Oak Dr. and Quitman St., to A. E. Quay Constr. Co., 3717 Jack St., $22,600. Engrs. est. $25,000.

Tex., Panhandle — Sanitary sewerage system and disposal plant, to W. B. Carter, Sioux City, Ia., $111,899. Noted June 17.

Tex., Wichita Falls — Sewer line from Wichita Falls State Hospital connecting with city line, to Orman Constr., Pueblo, Colo., $29,340. Engrs. est. $30,000. Noted June 10.

Calif., Los Angeles—Complete sanitary sewer in portion Hayworth Ave., to R. A. Wattson, 1026 North McCadden Pl., $55,-260. Noted June 7.

Calif., Oceanside—J. H. Landes, city clk., vitr. and c.i. sewers in various streets, to O. K. Hearte, 1350 Paloma St., Pasadena, $165,580. Noted June 3.

Bridges

Proposed Work

N. C., Sanford—Lee Co. (Sanford) and Chatham Co. (Pittsboro), at Sanford, plan steel bridge over Cape Fear River, at Avents Ferry, about 12 mi. from here. $100,000 or more.

N. C., Winston-Salem — Plans election $25,000 bonds, constructing bridge.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, takes bids probably in September, bridge over Wolf River on Memphis-Bristol Highway, State Road 1, Shelby Co., to exceed $25,000; and bridge over French Broad River, Cocke Co., approximately $75,000. C. N. Bass, highway comr.

Kentucky—State Hy. Dept., Frankfort, takes bids probably in July two 108 ft. and one 110 ft. span rein.-con. bridge over Tygart Creek near Olive Hill, Carter Co.; two 135 ft. and one 195 ft. span steel bridge over Levisa Fork of Big Sandy River at Allen, Floyd Co.; and four 50 ft. deck girder span rein.-con. bridge at Cadiz, Twigg Co. E. N. Todd, highway engr.

O., Lisbon—Columbiana Co. plans concrete bridge at Cannons Mills $31,000, and 1 span concrete bridge, on East Liverpool-Youngstown Rd. $25,900; also soon takes bids bridge over west fork Beaver Creek, $62,000. L. C. Kirk, Lisbon, engr.

Tex., Clairemont — See "Streets and Roads."

Tex., Comanche — See "Streets and Roads."

Tex., Laredo—See "Streets and Roads."

Tex., Quanah—See "Streets and Roads."

Calif., Hollister — San Benito Co. appropriated $35,000, for bridge over Pacheco Creek, on Hollister-Pacheco Pass Cut-off.

Calif., Redding—Shasta Co. making plans 2 concrete bridges, one over Dry Creek, $20,000 and other over Cow Creek, $35,000. C. R. Wiegel, Redding, co. surv.

Bids Desired

Mass., Dedham—July 6, by Dept. Pub. Wks., Boston, concrete bridge and approaches on section highway, here. $25,000 or more. W. F. Williams, comr.

New Jersey and New York—July 21, at office J. E. Ramsey, ch. executive officer Port of New York Authority, 75 West St., New York City, substructures 2 bridges over Arthur Kill, one between Perth Amboy, N. J., and Tottenville, N. Y., and other between Elizabeth, N. J., and Howland Hook, N. Y. J. A. L. Wadell, 150 Bway., New York City, consult. engr.; adv. E. N.-R. July 1.

Pa., Phila. — July 6, by Montgomery Smith, purch. agt., Pennsylvania R.R. Co., at 17th and Filbert Sts., for bridges, transfer bridges and parts as per Pennsylvania R.R. Standard Specifications for steel bridges, Plans 17100, 17110, 22483, 22916, 80311 and 30325, Contr. 12-1926. A. C. Shand, Broad St. Sta., ch. engr. railroad.

Florida — July 21, by State Rd. Dept., Tallahassee, 120 ft. steel span bridge on concrete piers, etc., Jackson Co.; 3 concrete bridges on pre-caste concrete piles, St. Johns Co.; 4 concrete bridges on piers and abutments, Flagler Co.; also one 80 ft. steel span on concrete abutments and 1 concrete slab bridge 54 ft. on piers and abutments, Charlotte Co. J. L. Cresap, Tallahassee, engr.

Mississippi—Aug. 2, by Jackson Co., 924 ft. steel and concrete draw bridge over Pascagoula River on Old Spanish Trail, at Pascagoula, $150,000; and 650 ft. steel and concrete bridge over Escatawpa River, on Pascagoula-Lucedale Rd., at Moss Point, $125,000. A. M. Blodgett, Inc., Biloxi, engr. Noted May 13.

Louisiana—July 20, by State Hy. Comn., Baton Rouge, bridges on Port Allen-Rosedale Highway and Port Allen-New Roads Highway, State Aid Project 385-B, West Baton Rouge Parish. W. B. Roberts, Reymond Bldg., Baton Rouge, highway engr.

Kentucky—July 26, by State Hy. Dept., Frankfort, one 190 ft. and two 135 ft. span steel bridge on rein.-con. piers and abutments, over Levisa Fork of Big Sandy River at Allen, State Aid Project 28½ B, Allen and Floyd Counties; two 30 ft. span rein.-con. deck girder and one 110 ft. arch span bridge over Tygart Creek, near Olive Hill, Federal Aid Project 13-C, Carter Co.; two 20 ft. deck girder and two 124 ft. spans steel span over Big Clifty Creek, on Litchfield-Elizabethtown Rd., Federal Aid Project 147-C, Grayson Co.; and four 50 ft. span rein.-con. bridge over Little River at Cadiz, Federal Aid Project 11-C, Trigg Co. E. N. Todd, highway engr.

O., Girard—July 27, by Comrs. Trumbull Co. (Warren), 2,000 ft. span bridge over Mahoning River, Erie, Baltimore & Ohio, and Pennsylvania R.R. tracks, here. $1,048,-000. Wendell P. Brown & Co., Finance Bldg., Cleveland, engrs; adv. E. N.-R. July 1. Noted Jan. 14.

Ind., Ft. Wayne — July 13, by Comrs. Allen Co., Courthouse, constructing bridge over St. Joseph River, at Parnell Ave. To exceed $25,000. J. H. Johnson, co. aud.

Wis., West Bend—July 6, by C. P. Heipp, city clk., 1,800 ft. 6 in. Class "C" c.i. pipe, four 4 x 6 in. c.i. tees, six 6 in. plugs, four 6 in. eddy gate valves, etc.

Ia., Logan — July 6, at office Auditor Harrison Co., one 80 x 16 ft. pony truss bridge with 30 ft. I-beam approaches, one 90 x 16 ft. pony truss bridge with two 25 ft. I-beam approaches, and one 65 x 16 ft. deck girder bridge with two 40 ft. girder approaches. T. E. Cherry, Logan, co. engr.

Minn., St. Paul—See "Streets and Roads."

Tex., Bonham—See "Contracts Awarded."

Arkansas—See "Streets and Roads."

Nevada—See "Streets and Roads."

Bids Received

New Hampshire—State Hy. Dept., Concord, Sawyers River Bridge, from Kittredge Co., Concord, $12,607; Hull and Bristol Bridge, from S. Ferguson, Bristol, $8,403; and Farmington Bridge, from Ames Constr. Co., Somersworth, $5,296.

Tex., Groveton—See "Streets and Roads."

Tex., Marlin—See "Streets and Roads."

Contracts Awarded

Maine — State Hy. Dept., Augusta, to F. Williams, Revere, Mass., concrete Blue Hills, Falls Bridge and Mill Island Bridge, $45,676; to E. Sheehan Co., Waterville, Wilson Bridge $14,901, Main St. Bridge $11,510, and Park St. Bridge $36,325, all concrete; to U. Metevier, Rumford, Sawmill Bridge $48,765, and Stone Bridge $3,025; to Smith & Tweedee, Westfield, Spring Rd. Bridge $3,553, and Farnham Brook Bridge $5,506, to Stuart & Williams, Augusta, Gilbert Small Bridge $21,564, and to Green & Wilson, Waterville, Alder Stream Bridge $3,348. Grand total $194,-173.

Mass., Lancaster — Commonwealth of Massachusetts, Dept. Pub. Wks., Boston, 2 45 ft. span concrete bridge and approaches in Lancaster, to Milliken & Armstrong, 57 Eddy St., Providence, R. I., $25,459. Noted Mar. 25.

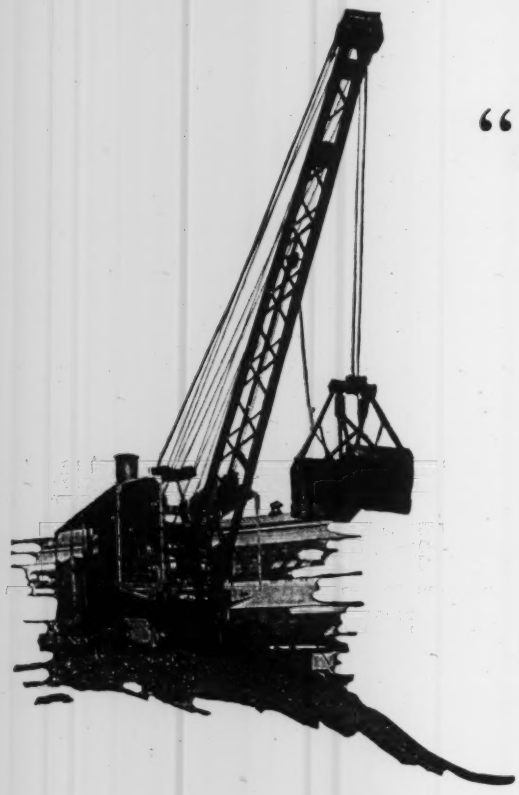
N. Y., Brooklyn — A. Goldman, comr. Plant & Structures, Municipal Bldg., New York City, new center pier fender at Metropolitan Ave. Bridge over English Kills, here, to Rhodes & Manvel, Inc., 90 West St., New York City, $17,900. Noted June 24.

Alabama—State Hy. Comn., Montgomery, bridges on Linden-Thomaston Rd., Marengo Co., to Lamb & McLemore, Eutaw, $32,252; bridges on Boaz-Attalla Rd., Etowah Co., to S. C. Taylor, Wilsonville, $29,519. Noted June 10.

Miss., Satartia — Austin Bridge Co., Mickleberry St., Atlanta, Ga., will build 3 span, 914 ft. steel bridge on steel cylinder piers filled with concrete, 18 ft. wide, over Yazoo River, here, for Yazoo Co. (Yazoo City).

Tennessee—State Dept. Highways & Pub. Wks., Nashville, bridge on Project 190-C, Grundy Co., to W. A. Patten & Co., South Pittsburg, 49,529; on Project 195-B, Carroll Co., and Project 330-A, Obion Co., to W. H. Shons Co., 11 South Liberty St.,

Constr. News page 4



"Better than we expected"

TYPE DC INDUSTRIAL CRAWLER

Powered with
GASOLINE
STEAM
ELECTRICITY
DIESEL

That's the sort of performance you want!

THIS is a verbatim statement from an INDUSTRIAL user who is demanding plenty of performance from his Type D C. And it is this sort of performance that guarantees satisfaction to you on any jobs that you may undertake.

The Industrial Type D C uses Vanadium Steel Castings thruout—Steering is accurately controlled by the operator without aid from the groundman—and by manipulation of the friction clutches and brakes controlling the motion of each tractor belt, either belt may be driven, so that the operator can make an even turn as sharp or as wide as required.

These are a few of the features of the Type D C that enable it to help contractors cut the costs of material-handling. Three machines in one—for little more than the cost of any one of the individual machines.

Our bulletin has complete data on the Type D C Industrial—Send for Book 120-A.

INDUSTRIAL WORKS

Bay City, Michigan

INDUSTRIAL

Bridges (Continued)

Freeport, Ill., $57,881 and $73,392 respectively. Grand total $180,502. Noted May 27.

Ohio—Dept. Hys. & Pub. Wks., Columbus, concrete bridge and fill on Sect. "E-1," Lima-Spencerville Rd., Allen Co., to Allen County Paving Co., 48 Metropolitan Bldg., Lima, $39,301, and one on Sect. "D" Ripley-Hillsboro Rd., Brown Co., to Burris, Hanlon, Jones & Parker, Hammersville, $14,512; one 28 ft. and one 45 ft. span concrete bridge, Sect. "F" Urbana-Bellefontaine Rd., and Sect. "E" Urbana-Sidney Rd., Champaign Co., to McDonald Constr. Co., Norwalk, $7,818; 1 standard slab bridge and 7 culverts, Sects. "C" and "D" Tray-Urbana Southern Rd., Champaign Co., to Chamberlain & Bahan, North Lewisburg, $6,451; steel bridge and relocating channel, Sect. "A" Harrisburg-Wellsville Rd., Mahoning Co., to N. R. Porterfield, Youngstown, $36,960; 34 ft. steel beam bridge, Sect. "A" Dayton-Covington Rd., Miami Co., to Hunt Bros., Greenville, $9,999; steel truss bridge. Sect. "P" Ohio River Rd., Monroe Co., to B. C. Patterson, Vanatta, $12,281; bridge and approaches, Sect. "Roseville" Zanesville-New Lexington Rd., Muskingum Co., to Daley Bros. Constr. Co., Bolivar, $26,859; grading and concrete bridge, Sects. "C-2" and "D" Portsmouth-Columbus Rd., Pike Co., to Bayne & McCalla, Chillicothe, $8,637; drainage structures, retaining wall and 2 culverts, Sects. "D" and "I-1" Columbus-Portsmouth Rd., Pike Co., to E. P. Hinton, Chillicothe, $8,365. Grand total $171,183. Noted June 10.

Mich., Saginaw—State Hy. Dept., Lansing, structural steel for Bridge 731301, to Amer. Bridge Co., 1328 Buhl Bldg., Detroit, $16,838; and structural work, to W. Willets, Bay City, $57,945. Noted June 3.

Wis., South Milwaukee — C. Daehling, city clk., rein.-con. reservoir, to Eckermann & Ruddell, 215 27th St., Milwaukee, $26,785. Noted Sept. 17.

Ia., Denison—Crawford Co., 2 deck girder and 1 slab bridges, also 8 culverts on Federal Aid Project 287, to B. J. Cole, Ames, $14,240; one I-beam bridge and 10 box culverts, to Jensen Constr. Co., Kimballton, $15,618.

Kan., Dodge City — See "Streets and Roads."

Kan., Medicine Lodge—See "Streets and Roads."

Kan., Pratt—See "Streets and Roads."

Kan., Salina—Saline Co., three 20 ft. slab span bridges, on Federal Aid Project 196-B, to L. W. Rexroad, Salina, $3,766; two 100 ft. steel truss bridges with 30 ft. I-beam approaches on same road, and one 100 ft. steel truss bridge with two 30 ft. I-beam approaches, on same road, Sect. C, to Yancey Constr. Co., Abilene, $26,259 and $18,286 respectively. Grand total $48,311.

Missouri—State Hy. Dept., Jefferson City, to Fogleman & Davidson, St. Clair, two 8 ft. rein.-con. slab and one 30 ft. rein.-con. deck girder spans, etc., over Rauerstick Branch, $4,306, one 45 ft. rein.-con. deck girder span, etc., over Fisher Branch, $5,574, and 140 ft. steel truss span, etc., over Joachin Creek, $20,506, all foregoing in Jefferson Co.; to J. Kesl & Sons, Edwardsville, Ill., 60 ft. steel truss span, etc., on Sta. 548 plus 34 $6,383, and special culvert on bridge at Sta. 490 plus 40, $1,373, St. Francois Co.; to Service Constr. Co., Poplar Bluff, two 5 ft. rein.-con. slab spans, etc., over slough $1,337, two 8 ft. rein.-con. slab spans, etc., over branch $2,167, two 12 ft. rein.-con. slab spans, etc., over drainage ditch $4,480, two 12 ft. rein.-con. slab spans, etc., over Borrow Pit Ditch, $4,321, 35 ft. rein.-con deck girder span, etc., over Ditch 25 $7,330, and 40 ft. rein.-con. deck and two 16 ft. rein.-con. slab spans, etc., over Ditch 26, $8,606, all Cape Girardeau Co. Grand total $66,383. Noted May 20.

Arkansas—State Hy. Dept., Little Rock, one 150 ft. and one 210 ft. rein.-con. girder bridges over Holman Creek near Huntersville, Madison Co., to Southern Eng. & Constr. Co., Inc., Minden, La., $16,596, and rein.-con bridge over Spadra Creek, at Clarksville, on Federal Aid Project 26-A, Johnson Co., to H. Brown, North Little Rock, $23,631.

Tex., Bonham—F. E. Austin, c/o Austin Bros., 1815 Coombs St., Dallas, will build 2 toll bridges across Red River, one at Telephone, and other at Sowell's Bluff, by day labor. $50,000. Private plans.

Tex., Memphis—See "Streets and Roads."

Dams

Proposed Work

B. C., Penticton—See "Waterworks."

Railways

Bids Desired

Wisconsin—See "Contracts Awarded."

Contracts Awarded

Wisconsin — Milwaukee Electric Ry. & Light Co., Pub. Serv. Bldg., Milwaukee will reconstruct and concrete repave tracks on Center St. between 8th and 12th Sts., $21,000; Brady St. between Farwell Ave. and Van Buren St., $120,000; 35th St. between State and Clybourn Sts., $59,000; National Ave. between 22nd and 27th Sts., $55,000; and Kinnickinnic Ave. between Oklahoma and Ludlow Aves., $65,000, with own forces, all above in Milwaukee. Grand total $320,000. E. J. Archambault, c/o owner, engr.

Texas—Navigation Dist., c/o H. L. Washburn, auditor, Houston, grading, and track laying about 3 mi. extension of Harbor Terminal Ry. to Manchester Terminal, in Houston to W. A. Smith, Lambert St., Houston, $21,086; creosoted cross ties, to Amer. Creosoting Co., Houston, $8,357; also frogs and switches, to G. F. Cotter Supply Co., S. P. Bldg., Houston, $3,326. Grand total $32,769. Engrs. est. $35,000.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Ill., Havana—D. D. 3, takes bids in fall cleaning 6 mi. ditch, 140,000 cu.yd. excav., etc. $50,000. C. H. Kreiling, Havana, engr.

Tex., Port Arthur—Voted $50,000 bonds, shell revetment work on Sabine-Neches Canal. J. O. Herpin, Port Arthur, engr. Noted May 12.

Calif., Beaumont — Beaumont Irrigation Dist. plans election $70,000 bonds, $25,000 of which to purchase additional river properties, and $45,000 constructing wells, pipe lines, etc. C. R. Sumner, H. W. Hellman Bldg., Los Angeles, engr.

Calif., Santa Ana—Orange Co. defeated $1,200,000 bonds, harbor improvements. Noted May 21.

Bids Desired

Fla., Tampa — July 6, by Bd. Supervs. Interbay Drainage Dist., 32 Giddens Bldg., set out plan of concrete mains, laterals and other works in Reclamation. McElroy Eng. Co., 32-34 Giddens Bldg., ch. engr.

O., Van Wert—July 14, by Auditor Van Wert Co., constructing Joint County Ditch 1059, 37,234 cu.yd. earth excav. in main line, 15,137 cu.yd. excav. in South Fork Branch, etc., York, Jennings and Spencer Twps., Van Wert and Allen Counties. $27,137. T. K. Priddy, surv.

Ia., Decorah—See "Streets and Roads."

Ark., Paragould—July 6, by Bd. Dirs. St. Francis D. D., Clay and Green Counties, Court House, 55 mi. open ditches in subsidiary D. D. 20, incl. 2,000,000 cu.yd. excav. J. R. Thyne, Corning, engr.

Mont., Billings—July 21, by Comrs. Birely D. D., at office Snell & Arnott, attys., 312 Securities Bldg., approximately 254,000 cu. yd. excav., installing 61 surface inlets, 1 canal crossing, 992 ft. metal flume, etc. V. Cotner, Lovell, Wyo., engr.

Mo., New Madrid—July 8, by F. L. Steel, engr. New Madrid, approximately 10,000 cu.yd. excav. from ditches in D. D. 20, New Madrid Co. C. E. V. Jones, co. clk.

Tex., Brownsville — W. O. Washington, engr., Brownsville, and W. E. Anderson, consult. engr., San Benito, taking bids and open same about Aug. 8, constructing approximately 30 mi. North Floodway, incl. 3,000,000 yd. excav. and levees along Arroyo Colorado, with about 2,000,000 yd. earth work, bridges, etc., for Cameron Co., c/o O. C. Dancy, judge. $800,000.

Mexico, Mazatlan — State of Sinaloa takings bids two 470 and 262 meter breakwaters, two 60 and 280 meter seawalls, and dredging 1,600 metre channel, two loading and unloading docks, wall forming boundry of docks and channel.

Contracts Awarded

N. Y., New York—State Hospital Comn., Capitol, Albany, excavation for New York State Psychiatric Institute, here, to Clementi Contg. Co., 1191 Spofford Ave., $170,000. Noted June 10.

La., Lake Charles — Mayor and City Council, portion drainage improvement, to R. J. Estes & Co., Wilson Bldg., Dallas, Tex. $132,308.

La., Shreveport—Caddo Levee Bd., bank protection in Loggie Lea Bend, on Red River, to Woods Bros., Gulfport, Miss., $35,700.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, excavating for open well caissons, constructing foundation piers and enclosure of New Civil Courts Building, at 12th and Chestnut Sts., to Fruin-Colnon Constr. Co., Merchants Laclede Bldg., $240,000. Noted June 24.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, revetment work in Missouri River at Howards Bend Waterworks, St. Louis Co., incl. 645,000 sq.yd. mattress, 70,400 cu.yd. grading and 18,300 cu.yd. stone, to Kansas City Bridge Co., Orear-Leslie Bldg., Kansas City, $148,976. Noted May 13.

Tex., Galveston—Galveston Co., c/o J. M. Murch, aud., extending 2,800 ft. seawall from 53rd to 61st St., to J. W. Zempter & Co., 2204 Ave. B, $330,035. Noted June 17.

Calif., La Mesa — Director La Mesa Lemon Grove & Spring Valley Irrigation Dist., 3,550 ft. 24 in. riveted steel pipe, $\frac{3}{8}$ in. thick, to Lacy Mfg. Co., Washington Bldg., Los Angeles, $22,522. Noted May 20.

Streets and Roads

Proposed Work

Mass., West Roxbury (Boston P. O.)—City, Dept. Pub. Wks., Boston, plans grading, etc. 143,600 sq.ft. land for school purposes, here, $25,000 or more. J. H. Sullivan, comr.

R. I., Pawtucket—Making plans paving Germania, High and Schools Sts., Pidge, Norris, Harcourt, Pawtucket and Wilcox Aves. $135,000. Address City Engineer.

N. Y., Albany — Common Council plans improving 1,571 ft. Van Schoick Ave., 1,644 ft. Cardinal Ave., and 1,496 ft. Fleetwood Ave.

N. Y., New York—Plans 4 mi. elevated highway, 60 ft., along Hudson River from Canal St. terminal of new vehicular tunnel to Riverside Dr. and 72nd St. To exceed $13,500,000. J. Miller, Municipal Bldg., pres. Manhattan boro.

N. J., Flemington—Hunterdon Co. plans macadam paving 4.5 mi. Stockton-Flemington Rd. G. Davis, Whitehouse Station, engr.

N. J., Scotch Plains — Twp. Com. plans concrete paving 1.5 mi. Plainfield and Westfield Aves. $60,000. H. L. Paff, Scotch Plains, engr.

W. Va., Welch — Voted $72,000 bonds, paving various streets. L. A. Osborn, Welch, engr.

N. C., Greenville—Plans rein.-con. paving, etc., various streets. $40,000. D. M. Clark, Greenville, mayor.

N. C., Winston-Salem — Plans election $950,000 bonds, paving guttering, etc. various streets.

N. C., Durham—Plans extending paving program. $1,000,000. R. W. Rigsbee, city mgr.

Miss., Collins — Covington Co. election soon $50,000 bonds, improving Lone Star Route from Brookhaven to Laurel.

Miss., McComb — Making preliminary plans grading and concrete paving, etc. 17,000 sq.yd. various sidewalks. $35,000. L. W. King, City Hall, engr.

Miss., New Augusta—Perry Co. making preliminary plans grading, bridging and graveling, etc. 15 mi. various roads. J. L. Wheless, Hattiesburg, engr.

Miss., Wiggins — Making preliminary plans grading and hardsurfacing various streets. $25,000. J. L. Wheless, Hattiesburg, engr.

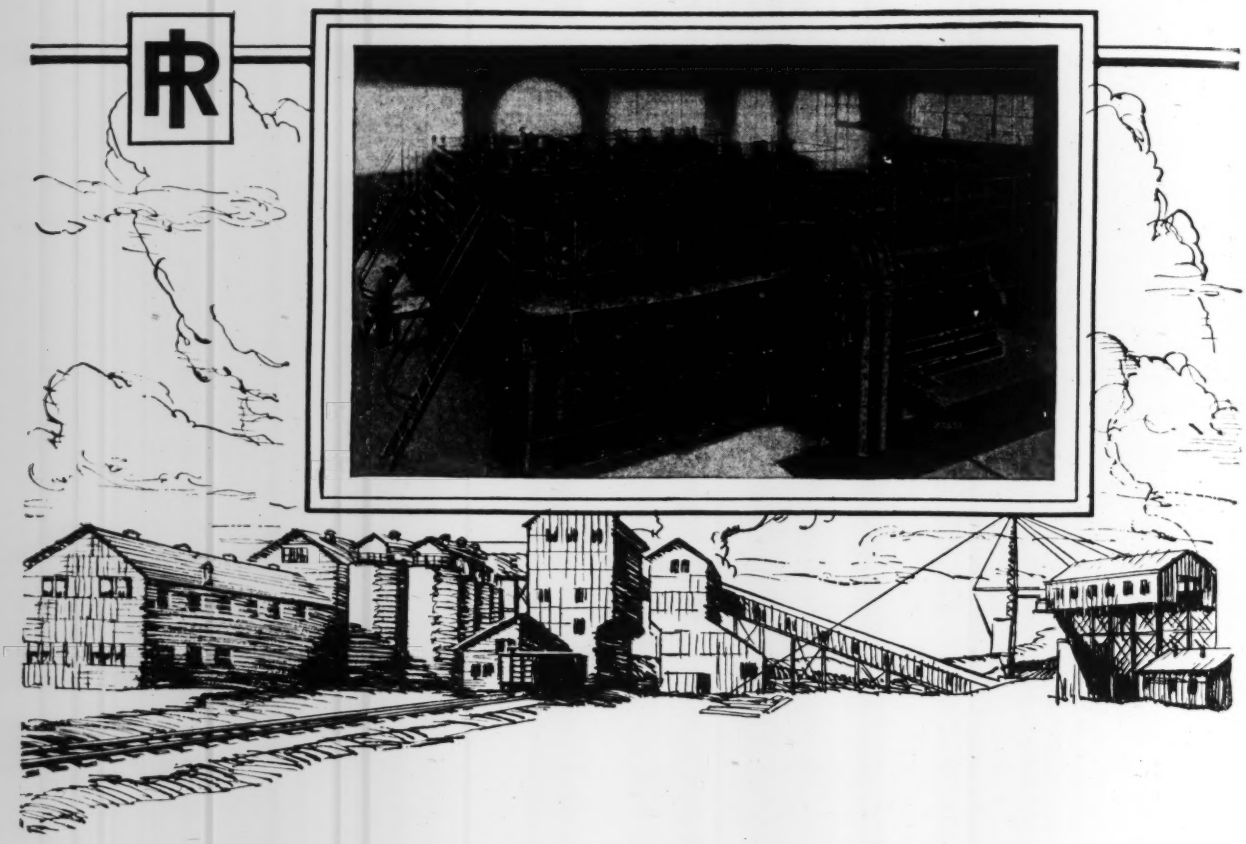
Miss., Winona—Montgomery Co. making preliminary plans grading, gravel surfacing, etc., Beats 1 and 4 of Jeff Davis Highway south to Carroll Co. line and east and west. $250,000. H. C. Dietzer, Jackson, engr.

Ohio—G. F. Schlesinger, dir. Highways & Pub. Wks., Columbus, cancelled bids June 11, surface treating 8.82 mi. Sects. "C" and "D" Cincinnati-Chillicothe Rd., Clinton Co. Noted June 10.

O., Akron—W. F. Peters, dir. Pub. Serv. rejected bids June 7, grading, curbing, walks and vitr. brick paving 6,925 sq.yd. Packard Dr., $56,700; and grading, curbing, walks, ornamental street lighting system and vitr. brick paving 5,680 sq.yd. Orlando Ave., $48,900. Will readvertise. Noted June 24.

O., Lisbon — Bd. Comrs. Columbiana Co. soon take bids grading and brick paving 15,490 sq.yd. Armstrong Gap, E-L Youngs-

Constr. News page 5



Reduce Your Power Costs

Your savings in power costs alone (assuming electric power costs 3½ cents per kw.-hr.) will pay for this complete Ingersoll-Rand "POC-2" Oil Engine Air Compressor within a period of 18 months.

But these savings do not end in 18 months. They go on for years—and during these years you have reliable power under your own control, not subject to shut-downs from outside causes.

271-cu.ft. and 895-cu.ft. sizes are also available.

These Ingersoll-Rand Oil Engine Air Compressors are rugged and dependable. They *do not* require skilled operators.

Talk this matter over with our engineers. Their experience and counsel are at your service.

Descriptive bulletins sent upon request.

I-R Oil Engines for All Purposes

Ingersoll-Rand Oil Engines are of the four-cycle direct-injection type. They burn any fuel oil that can be used in any other Diesel engine.

The horizontal, single-cylinder Type "PO" engines are built in 50-, 100-, and 150-B.H.P. sizes.

The vertical, multi-cylinder Type "PR" engines are available in popular sizes from 105 to 1200 B.H.P.

Detailed information on request.

INGERSOLL-RAND COMPANY—11 BROADWAY, NEW YORK CITY.

Offices in principal cities the world over

FOR CANADA REFER—CANADIAN INGERSOLL-RAND CO. LIMITED, 260 ST. JAMES STREET, MONTREAL, QUEBEC.

90-SOE

Ingersoll-Rand

Streets and Roads (Continued)

town Rd., $48,837; and 18,980 sq.yd. East Carmell Rd., $68,384. L. C. Kirk, Lisbon, engr.

O., **Salem**—Bd. Control soon takes bids brick paving Benton Rd. $25,000. B. M. French, Salem, engr.

Ill., **Abingdon** — City and State plan grading, curbing, guttering and paving 3.125 ft. Monroe and Western Aves., 30 ft. $84,803. F. Connolly, 428 Peoples Bank Bldg., Galesburg, engr.

Ill., East St. Louis—Making preliminary plans grading, curbing and asphalt or concrete paving 10th St. from Bway. to Piggott Ave. $46,300. M. McK. Brown, City Hall, engr.

Ill., **Galesburg**—Plans grading, curbing, guttering and vertical fibre brick on concrete paving East Grove St., $9,549; 2 blocks Whitesboro St., $13,724; and 4 blocks Division St., $20,319. A. L. Richey, City Hall, engr.

Wis., Milwaukee—W. F. Cavanaugh, 133 2nd St., highway comr., Milwaukee Co., soon takes bids concrete widening 3½ mi. Chicago Rd., 18 to 24 ft.; trinidad, bitulithic or Kentucky rock asphalt on concrete, widening 3 mi. Loomis Rd., 16 to 20 ft., and 2.5 mi. North Fond du Lac Rd., 16 to 24 ft.

Ia., Dubuque—Dubuque Co. voted $1,800,000 bonds, improving various roads. G. A. Blunt, Dubuque, co. engr.

Ia., Toledo—Tama Co. voted $1,437,000 bonds, improving various roads. L. W. Croft, Toledo, co. engr.

Kan., Atchison — Atchison Co. plans grading, etc., 4.597 mi. Federal Aid Project 349-A, 28 ft. R. D. Coleman, Atchison, co. engr.

Kan., Gower—Election July 15, $25,000 bonds, improving various streets.

Kan., Leavenworth — Leavenworth Co. plans grading, etc., 5.411 mi. Federal Aid Project 268-D, 28 ft. J. E. McCorkle, Leavenworth, co. engr.

Kan., Newton — City and Harvey Co. making plans concrete paving 1 mi. various roads, 30 ft. $50,000-$60,000. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, Mo., engrs.

Kan., Topeka—Shawnee Co. plans grading and concrete surfacing, etc., 3.727 mi. Federal Aid Project 355-A, 18 ft. C. Wasson, Topeka, co. engr.

N. D., Grand Forks—Authorized paving 7 blocks streets in Riverside Park Dist. $30,000. C. J. Evanson, city aud.

Mo., Carthage—Making plans paving 15 blocks various streets. To exceed $25,000.

Mo., University (br. St. Louis) — E. B. Colby, city clk., City Hall, bids withdrawn, to have been opened June 8, asphaltic penetration, tar penetration, asphaltic concrete or vitr. brick on macadam paving, etc. 9,550 sq.yd. Ferguson Ave. $25,327-$35,555. W. A. Heimbuecher, city engr. Noted May 6.

Ark., El Dorado — Making preliminary plans grading, curbing and hardsurfacing East Main St. from end of present paving to city limits, Paving Dist. 22. J. H. Guest, City Hall, engr.

Tex., Big Lake—Election July 12, $25,000 bonds, paving 10 blocks various streets. Engineer not selected.

Tex., Clairemont—Kent Co., plans grading, bridging and gravel surfacing, etc. 40 mi. Highway 84, 18 ft. $400,000. L. M. Ferlet, Clairemont, co. engr.

Tex., Comanche—Comanche Co. making plans grading, bridging, etc. 26.12 mi. Highway 10, 26 ft. $129,500. G. E. Franklin, Eastland, div. engr.

Tex., Corpus Christi — Vernon-Woodruff Development Co., making plans gravel roads between 10 acres plots on 1,000 acre plot. $65,000. F. M. Percival, Corpus Christi, engr.

Tex., Corsicana — W. W. McClendon, engr., Corsicana, takes bids about July 1, paving 50 blocks various streets, for City. $75,000.

Tex., Panhandle — Carson Co., election July 14, $1,000,000 bonds hard paving 86 mi. road beginning east of St. Francis and across county to Conway and Groon and from St. Francis to Pampa and through to Gray Co. line, 18 ft. Address J. A. Whitside, Panhandle, judge.

Tex., Quanah — Hardeman Co. making plans grading, bridging, etc. 7.767 mi. Highway 5, Federal Aid Project 501-A, 26 ft. $28,815. J. B. Nabors, Quanah, co. engr.

Tex., San Antonio—City Comn., election soon $2,000,000 bonds, widening, opening and paving various streets. I. Ewig, city engr.

Tex., San Benito—Agar & Gentry, engrs., San Benito, take bids about July 10, permanent paving 75 to 80 blocks various streets, for City. $100,000.

Tex., Waxahachie — Ellis Co. making plans bituminous concrete paving 1.05 mi. Highway 14, 18 ft. $35,000. W. A. Spalding, Waxahachie, co. engr.

Oklahoma—State Hy. Dept., Oklahoma City, making preliminary plans grading, etc., 13 mi. Union City-Cordell Rd., 30 ft. $65,000. J. M. Page, highway engr.

Okla., Elk City — Making preliminary plans brick paving Dists. 7, 8 and 9. $50,000. Benham Eng. Co., 512 Gumbel Bldg., Kansas City, Mo., engrs.

Okla., Lawton—Plans grading and concrete curbing, etc. 8,800 sq.yd. Dist. 14. $27,230. G. C. Dale, Lawton, engr.

Okla., Tuttle—Voted $41,600 bonds, sheet asphalt paving 10,100 sq.yd. Main St. Gantt-Baker Co., 1116 West Main St., Oklahoma City, engrs.

Okla., Wewoka—Plans grading, curbing and concrete surfacing 14,780 sq.yd. streets in Dist. 6. $63,000. G. R. Conner, Wewoka, engr.

Idaho, Idaho Falls—Clark Co. authorized issuing $100,000 bonds, improving roads.

Calif., Burlingame—Made plans improving Hillside Dr. et al., 8,544 cu.yd. grading, 5,650 lin.ft. concrete curbing, 101,733 sq.ft. concrete guttering, 227,640 sq.ft. 1½ in. Warrenite-bitulithic on 4½ in. concrete paving, etc. To exceed $90,000. J. S. James, city engr.

Calif., Alhambra — Made plans paving, etc., Birch, Plum Sts., etc. To exceed $25,000. H. E. Blake, city engr.

Calif., Oroville—C. F. Belding, clk. Butte Co. rejected bids June 7, improving Oroville-Wyandotte Rd. Noted June 24.

Ont., London — Plans widening and concrete paving York St., also sewer in same street. $55,000. W. P. Near, City Hall, engr.

Ont., Toronto — Plans grading, curbing, guttering, sidewalks and sheet asphalt paving 2,000 ft. Weston Rd., from St. Clair Ave. to north city limits. $63,000. R. C. Harris, City Hall, engr.

Bids Desired

New Hampshire — July 2, by State Hy. Dept., Concord, waterbound macadam paving 1.48 mi. highway in Marlboro; gravel surfacing 0.86 mi. in Shelbourne, and bituminous macadam paving 1.89 mi. in Bethlehem. $120,000. F. E. Everett, comr.

Massachusetts — July 6, by Dept. Pub. Wks., Boston, bituminous macadam paving 4,400 ft. in Millis, 4,412 ft. in Bedford, 1,200 ft. Gore Rd. in Webster, 3,646 ft. in Lexington, and 500 ft. in Weston; bituminous concrete paving 700 ft. West St. and 5,270 ft. in East Bridgewater; also rein.-con. paving 23,114 ft. in Cheshire. W. F. Williams, comr.

New York — July 9, at office F. L. Merritt, clk. Bd. Supervs., Court House, White Plains, rein.-con. paving roads in Bedford, Northcastle and Rye; vitr. brick on rein.-con. paving road in Tuckahoe; and rein.-con. and granite block paving road in Mt. Kisco; adv. E. N.-R. July 1.

N. Y., Brooklyn — July 8, by J. A. Guider, pres. Brooklyn Boro, Boro Hall, grading and granite on concrete paving Creamer St.; grading, curbing and flagging Bedford Ave.; and asphalt on concrete paving Quentin Rd., Avenue T, Bedford, Brooklyn and Greene Aves., East 7th, East 29th, Watkins, 47th, 85th and 90th Sts.

N. Y., Bronxville — July 16, at office Westchester Park Comn., 72 Pondfield Rd., grading, etc. portion Hutchinson River Parkway extension from Mamaroneck to Westchester Aves., Contr. 107. J. Downer, ch. engr.; adv. E. N.-R. July 1.

N. Y., Buffalo — July 3, at office Dept. Pub. Wks., Municipal Bldg., repaving, Fillmore Ave., Arlington Pl., and Ideal St.; also paving Bartnett and Clarence Sts. J. J. Love, comr.

N. Y., New York—July 7, by J. Miller, pres. Manhattan Boro, Municipal Bldg., regrading, recurbing, and sheet asphalt on concrete paving Jacobus Pl. and Cumming St.

N. Y., New York—July 9, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., asphalt on concrete paving Lafayette Ave. from Longwood to Bryant Aves.

N. Y., St. George—July 7, by J. A. Lynch, pres. Richmond Boro, Boro Hall, grading and concrete paving Clove Ave. from Hylan Blvd. to Fingerboard Rd.

N. J., Hoboken — July 6, by Bd. City Comrs., City Hall, repairing asphalt pavements on Park Ave., Garden, Hudson, 3rd, Washington, 1st, 2nd, 4th, 5th, 6th, 7th, 8th Sts., etc. D. A. Haggerty, city clk.

Pennsylvania — July 16, by State Hy. Dept., Harrisburg, bituminous penetration on rein.-con. paving, etc. approximately 20 mi. road, 8 projects, in Allegheny, Carbon, Chester, Jefferson, Lebanon, Mercer, and Northampton Counties. W. H. Connell, eng. executive and acting secy. highways; adv. E. N.-R. July 1.

N. C., Elizabeth City—July 7, by Mayor and Bd. Aldermen, asphalt on concrete paving, etc. 40,000 sq.yd. various streets. W. C. Olsen, Raleigh, engr.

N. C., Whiteville—July 6, by Bd. Comrs. Columbus Co., sand clay surfacing 8.3 mi. road from point 3 mi. east of here, in northwest direction to Bladen Co. line. B. Price, Whiteville, engr.

Florida — July 21, by State Rd. Dept., Tallahassee, Florida lime rock base on 9.14 mi. roadway, in Columbia Co., 12.14 mi. Suwanee Co., 8.16 mi. Lee Co., 8.03 mi. Citrus Co., 6.45 mi. roadway, Citrus Co., 5 mi. Highlands Co., and 9.73 mi. Charlotte Co., all foregoing 19 ft. wide; and constructing 46,822 cu.yd. drainage ditch, 18 ft. wide in Charlotte Co.; clearing, grubbing, grading, etc. 17.08 mi. in Sarasota Co., 13.27 mi. Clay Co., and 12 mi. Dade Co., all foregoing 30 ft. wide. J. L. Cresap, Tallahassee, engr.

Fla., Lakeland—July 20, by City, grading, curbing and paving 100,939 sq.yd. streets. $485,000. J. W. Norton, city engr.; adv. E. N.-R. July 1.

Fla., West Palm Beach — July 7, by Comrs. Palm Beach Co., F. E. Fenno, clk., constructing 3.61 mi. rock and oil road from South Bay to Okeelanto. $50,000. R. F. Goodman, West Palm Beach, engr.

Miss., Cleveland — July 16, by Bd. Supervs. Bolivar Co., grading, curbing, guttering and concrete paving 10,308 sq.yd. Federal Aid Project 139-A. H. C. Dietzer, Jackson, engr.

Miss., Leakesville — July 7, by Bd. Supervs. Green Co., improving 5.097 mi. Piave-Richton Rd., 33,760 cu.yd. excav., $1,589 cu.yd. borrow, 5,345 lb. reinforcing, 7,985 cu.yd. gravel, 60,282 units overhaul, 2.07 mi. Bermuda sod, 21,178 ft. creosoted and 630 ft. untreated timber, 1,104 ft. creosoted piling, etc. H. C. Dietzer, Court House, engr. Jackson, engr.

Miss., Ripley—July 15, by Bd. Supervs. Tippah Co., gravel surfacig, etc. 8 mi. State Trunk Rd. between Ripley and New Albany, Federal Aid Project 173-B. $90,000. H. C. Dietzer, Jackson, highway engr.

La., Baton Rouge — See "Contracts Awarded."

Tennessee—July 9, by State Dept. Highways & Pub. Wks., Nashville, concrete or asphalt surfacing 11.61 mi. Federal Aid Project 45-A, Roane Co. Former bids rejected. C. N. Bass, highway engr. Noted May 27.

Tenn., Clarksville — See "Contracts Awarded."

Kentucky—July 26, by State Hy. Dept., Frankfort, **(F. A. P. means Federal Aid Project and S. A. P. means State Aid Project)**, grading, etc., 4.5 mi. Salt Lick-Farmers Rd., F. A. P. 137-B, Bath Co., 10.8 mi. Princeton-Dawson Springs Rd., F. A. P. 153-A and B, Caldwell and Hopkins Counties, 9 mi. Mayo Trail from Prestonsburg to Allen, S. A. P. 6-D, Floyd Co., and 0.5 mi. approaches to Bridge on same road, S. A. P. 28½, Bath Co., 6.9 mi. Greensburg-Hodgenville Rd., from Allendale to Mt. Sherman, F. A. P. 126-C, Green Co., 4.7 mi. Brandenburg-Vine Grove-Ratcliffe Rd., S. A. P. 8-A, Hardin Co., and 7.2 mi. Paducah-Wickliffe Rd., F. A. P. 154-A, McCracken Co.; surfacing 8.1 mi. Pound Gap-Seco Rd. Letcher Co., 5.9 mi. Shelbyville-Mt. Eden Rd., S. A. P. 20-A Shelby Co., 6.6 mi. Taylorsville-Bloomfield Rd., S. A. P. 18-B Spencer Co., 9.5 mi. Morganfield-Marion Rd., F. A. P. 94-A, and 5.5 mi. same road, Sect. B, Union Co. E. N. Todd, highway engr. Noted June 24.

Ky., Paducah—July 7, by City at office Bd. Pub. Wks., City Hall, R. Dipple, chn., grading, shaping, curbing and paving 5,310 ft. Bridge, Clements, 13th Caldwell and Caldwell Sts. E. R. Bradshaw, city engr.; adv. E. N.-R. July 1.

Ohio — July 16, by Dept. Highways & Pub. Wks., Columbus, grading and paving, etc., 161.678 mi. roads in Adams, Allen, Ashland, Carroll, Columbiana, Crawford, Cuyahoga, Geauga, Hancock, Harrison, Henry, Hocking, Huron, Jefferson, Lake, Lucas, Mahoning, Marion, Medina, Monroe, Muskingum, Miami, Preble, Putnam, Richland, Sandusky, Seneca, Stark, Trumbull, Tuscarawas and Washington Counties. Total approximately $3,002,653. G. F. Schlesinger, dir.

O., Cleveland — July 7, by City, paving, etc. Edgewood Ave. S. E., Oakfield Ave. S. E. Valleyview Ave., Pearldale, West 168th, East 7th, East 134th, East 174th, East 175th, West 17th, West 20th, West 51st, West 74th, West 136th, West 137th, West 138th and West 162nd Sts. R. Hoffman, City Hall, engr.

O., Rocky River—July 6, by Village, asphaltic concrete paving 4 streets. To exceed $25,000. F. H. Arnold, Town Hall, Rocky River, engr.

Constr. News page 6

Streets and Roads (Continued)

Ind., Bedford — July 6, by Bd. Comrs. Lawrence Co., constructing Bedford-Fayetteville Rd. in Shawswick Twp., $48,064; Bedford-Heltonville Rd., $64,775; also Springville, Guthrie, Gulletts Creek and Avoca Rds., Marshall Twp., $17,076. J. H. Taylor, co. aud.

Ind., Ft. Wayne—July 14, by Bd. Comrs. Allen Co., constructing Woodburn Co. Unit Rd., in Adams and Jefferson Twps. $323,000. J. H. Johnson, aud.

Wisconsin—July 7, by State Hy. Comn. at Div. Office 8, 1st Nath. Bank Bldg., Superior, 3.75 mi. Federal Aid Project 406-C, Sawyer Co., J. T. Donaghey, Madison, ch. engr.

Wis., Stevens Point—July 6, by A. Wallace, city clk., concrete paving, etc., 13,449 sq.yd. 4th Ave., Shonrette and Fremont Sts. To exceed $25,000. Private plans.

Wis., Waukesha — A. R. Schuh, engr., City Hall, taking bids concrete paving, etc., 35,000 sq.yd. Bway., College Ave., Fairview, Dunbar, Franklin, Hamilton, Central, Buchner and Marshall Sts., for City. To exceed $25,000. Noted June 3.

Wis., North Milwaukee (br. Milwaukee)—July 6, by W. E. Chase, city clk., grading and vibrolithic concrete, one course rein.-con., sheet asphalt or bituminous concrete paving, etc., 68,417 sq.yd. 10 streets and 19 alleys. H. C. Webster, 216 West Water St., Milwaukee, engr. Noted Jan. 29.

Ia., Decorah — July 8, at office Auditor Winneshiek Co., surfacing 9.05 mi. Decorah-Calmer Rd., Federal Aid Project 98-C, Primary Road 121-F, and subway excav., incl. 6,500 cu.yd. excav., etc.

Ia., Estherville—July 8, at office Auditor Emmet Co., gravel surfacing 3,000 cu.yd. Road 6, in Twelve Mile Twp., 2,000 cu.yd. Road 7, Armstrong Grove Twp., 3,500 cu.yd. Road 32, Swan Lake Twp., 4,250 cu.yd. Road 38, Denmark Twp., 2,000 cu.yd. Road 39, Center Twp., 4,000 cu.yd. Road 23, Armstrong Grove Twp., 4,000 cu.yd. Road 24, Swan Lake Twp., and 5,000 cu.yd. Road 25, Twelve Mile Lake Twp., at rate 1,000 cu.yd. per mile.

Ia., Ida Grove—July 7, at office Auditor Ida Co., improving 12 mi. various roads, 14,220 cu.yd. gravel, 67,200 units overhaul, etc. G. S. Witters, Ida Grove, engr.

Ia., Marion—July 7, by City, curbing and paving 13½ blocks various streets. $60,000. D. H. Smith, city clk.

Ia., Davenport—July 6, at office H. W. Phillips, supt. Pub. Instructions, City Hall, grading, curbing, guttering and paving 820 sq.yd. Adams St., 1,233 sq.yd. Denison Ave., 18,500 sq.yd. Division St., 967 sq.yd. Dover Court, 507 sq.yd. 11th St., 2,572 sq.yd. Esplanade Ave, 2,124 sq.yd. Hobson St., 1,901 sq.yd. Judson St., 842 sq.yd. Pleasant St., 334 sq.yd. 13th St., and 1,029 sq.yd. Wilkes Ave.

Minn., Minneapolis — July 12, by A. P. Erickson, aud. Hennepin Co., grading, etc. approximately 48,853 cu.yd. County Rd. 12 between County Rd. 144 and Dayton. $25,000. J. W. Shaffer, co. surv. Noted Nov. 26.

Minn., St. Paul—July 6 (extended date), by G. J. Ries, aud. Ramsey Co., grading, one course concrete paving, etc., 12,608 sq. yd. County Rd. E. $29,000, and 82,550 sq.yd. Project 26-62 $195,000; also grading and 35 ft. rein.-con. deck girder spans, etc., on Divs. A and B, and 30 ft. on Div. S of same road $55,000 and $25,000 respectively. P. N. Coates, 900 Guardian Life Bldg., engr. Noted June 17.

Kan, Eldorado—July 20, by Clerk Butler Co., grading and concrete or vitr. brick paving, etc., 72,234 sq.yd. Federal Aid Project 205-G. E. S. Elcock, Eldorado, co. engr.

Kan., Leavenworth—July 16, by Clerk Leavenworth Co., grading, etc. 5.411 mi. Federal Aid Project 268-G. J. E. McCorkle, Leavenworth Co. engr.

Kan., Olathe—July 14, by Clerk Johnson Co., concrete or brick paving 0.418 mi. Federal Aid Project 246-D, and one 120 ft. span steel truss and one 30 ft. span I-beam bridges on same road. E. J. Terrill, Olathe, co. engr.

Kan., Topeka—July 19, by Clerk Shawnee Co., grading, curbing, guttering and concrete paving 39,708 sq.yd. Federal Aid Project 355-A, and 21,069 sq.yd. California Ave. R. H. Pennartz, Topeka, engr.

Mo., Joplin — July 6, by City Clerk, squeegee asphalt on concrete paving, etc., Virginia St. between 7th and 10th Sts., and Chestnut St. between 7th and 9th Sts. S. P. Ashcraft, Jr., City Hall, engr.

Tex., Beaumont—City, c/o O. J. Boyd, mgr., taking bids paving 7th St. from Calder Ave. to Evalon St. and Harrison Ave. from 7th to 9th Sts. $35,000. Address City Engineer.

Tex., Childress—F. F. Du Bose, consult. engr., Childress, taking bids various types permanent paving 20,000 yd. various streets, for City. $150,000.

Constr. News page 6a

Tex., Weatherford — July 7, (extended date), by H. Moseley, chn. State Hy. Comn., Austin, bituminous surfacing 16.59 mi. Highway 1, Parker Co., 18 ft. $400,000. G. W. Courtier, Ft. Worth, co. engr.

Nevada — July 7, by State Hy. Comn., Carson City, improving 8.33 mi. Hafed-Clark Rd., Route 1, Sect. C-1, 76,000 cu.yd. excav., 41,452 sta.yd. overhaul, etc.; also constructing rein.-con. and steel bridge and approaches over Truckee River, near Wadsworth, both Washoe Co. G. M. Borden, Carson City, engr.

Arizona—July 6, by W. C. Lefebvre, engr. State Hy. Dept., Phoenix, grading, graveling, etc., 2,700 cu.yd. Federal Aid Project 64-B; and constructing concrete structures on Federal Aid Project 88-B, incl. 2,900 cu.yd. excav., 139,000 lb. reinforcing, etc.

Wash., Bremerton — July 7, Bd. Pub. Wks., paving, etc., Warren Ave. between 7th and 8th Sts., et al. Former bids rejected. C. Casal, Bremerton, engr. Noted June 17.

Wash., Mt. Vernon — July 7, by Comrs. Skagit Co., 7 in. concrete paving, etc., 10,000 sq.yd. Highway 11, Bow-Edison Rd. R. E. Knapp, Mt. Vernon, engr.

California—July 12, by State Hy. Comn., Sacramento, asphaltic concrete surfacing and concrete widening 9 mi. road between Indio and point 6 mi. south of Coachella, Riverside Co.; also 1.3 mi. road in Cloverdale, Sonoma Co. R. M. Morton, Forum Bldg., Sacramento, engr.

Calif., Bakersfield—V. Van Riper, city clk., taking-bids improving California Ave., D and 14th Sts., 179,572 sq.ft. 1½ in. Warrenite on 3½ in. asphaltic concrete paving, etc. $45,000. W. D. Clarke, city engr.

Calif., Cloverdale — July 12, by City Trustees, improving 3rd St., 1,327 cu.yd. grading, excav., 70,946 sq.ft. sub-grading, 70,945 sq.ft. concrete paving, etc. Ashley & Clow, San Anselmo, engr.

Calif., Livermore — July 12, by City Trustees, improving L St., 2,600 cu.yd. grading, 75,700 sq.ft. 6 in., 4 in. concrete with 2 in. Warrenite surfacing and 5 in. concrete with 2 in. Warrenite surfacing. G. A. Posey, Courthouse, engr. Noted Mar. 25.

Calif., Los Angeles—July 6, by Bd. Pub. Wks., grading, curbing, guttering, walks, asphaltic concrete and asphalt paving, etc. Crenshaw Blvd. between Wilshire and Washington St. To exceed $25,000. J. C. Shaw, City Hall, engr.

Calif., Los Angeles—July 12, by Supervs. Los Angeles Co., improving portion Telegraph-Jaboneria Rd., 4,257 cu.yd. excav., 95,365 sq.ft. 5 in. disintegrated granite subbase, 90,912 sq.ft. 2 in. or 3 in. asphaltic concrete surfacing. G. Jones, Hall of Records, engr.

Calif., Modesto — See "Contracts Awarded."

Calif., San Marino — July 14, by City Trustees, oil macadam paving, etc. Rose Ave., San Gabriel Blvd. and Hilliard Dr. To exceed $25,000. H. W. Jayee, R. F. D. 3, Box 367, Pasadena, city clk.

Calif., San Rafael — July 12, by City Council, E. W. Smith, clk., improving portions Ross, Marin and Bay View Sts., etc., 3,480 cu.yd. grading, 64,600 sq.ft. 5 in. concrete paving, and 25,650 sq.ft. 4 in. asphaltic concrete paving, etc.

Ont., St. Catharines — See "Contracts Awarded."

Bids Received

Massachusetts—Dept. Pub. Wks., Boston, June 22, bituminous macadam paving 17,493 ft. highway in Holliston, from Cenedella & Co., 68 School St., Milford, $122,299, 3,130 ft. in Seekonk, from P. J. Quinn, Ashton, R. I., $22,481, 6,500 ft. in Boylston, and 5,700 ft. in Southboro, from R. H. Newall Co., Uxbridge, $38,316 and $28,653 respectively; rein.-con. paving 20,440 ft. in Webster, from C. A. Haggerty, Webster, $26,296; concrete paving, etc., Kilbert Ave., etc., from T. Toomey, 60 Lake St., Webster, $5,632; and gravel surfacing, etc., 3,410 ft. in Gill, from Kelleher Corp., Turners Falls, $16,818. Noted June 17.

N. Y., Albany—Bd. Contr. & Supply, City Hall, from E. B. Stevenson, 443 Bway., improving Hunter Ave. $9,583, Euclid Ave. $33,904, Lenox Ave. $37,502, and Corlear St. $14,367; from S. B. Easton, 47 Fairlawn Ave., North 2nd St. $8,080, Greenway North $25,864, and Edgecomb St. $26,653; from Frank Sheehan, Inc., 446 Yates St., Rosemont St. $51,904, Forest Ave. $19,019, and Fullerton St. $17,868; from H. Dumary, 119 State St., Washington Ave. $114,125, and from M. F. Dollard, Dow Bldg., 36 State St., Benjamin St., $9,762. Noted June 17.

N. Y., Brooklyn — J. A. Guider, pres. Broklyn Boro, Boro Hall, June 23, grading and sidewalks on 55th St., from Grimm Contg. Co., 170 McKinley Ave., $1,6[illegible] grading and asphalt repaving Bath Ave. from B. Turecamo Contg. Co., 8706 14th Ave. $37,236, and Rockaway Ave., from Borough Asphalt Co., 1301 Metropolitan Ave. $6,637. Noted June 17.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., granite block paving McClellan St. and bituminous concrete paving Trafalgar Pl., from Interboro Asphalt Co. 2306 Creston Ave., $50,825 and $8,102 respectively; asphalt block on concrete repaving Bergen Ave., from Burnside Contg. Co. 270 Burnside Ave. $31,857, and East 141st St., from Regan Towers Co., 127 West 121st St., $39,726. Noted June 17.

Pennsylvania—State Hy. Dept., Harrisburg, June 22 and 23, (**R. means Route and A. means Application**), rein.-con. paving 2,665 ft. (approaches to 2 overhead crossings) R.88, Warren Co., from Tower Bros., 229 West Pennsylvania Ave., Warren $21,493, 30,722 ft. R.203, A.3295, Armstrong Co., from C. Winters Constr. Co., 212 North Main St., Butler $287,170, 9,700 ft. R.140, A.4064, Lebanon Co., from D. L. Risser, 713 Walnut St., Lebanon $75,503, 19,580 ft. R.448, A.4077, Crawford Co., and 8,873 ft. As. 1833-1788, Warren Co., from J. C. Devine Co., Alliance, O. $127,891 and $50,451 respectively, 4,533 ft. R.243, Sect. 3-A, Beaver Co., from Rinehart Bros., East Liverpool, O., $101,488, 837 ft. A.965-A, Westmoreland Co., from M. Bennett & Sons, Indiana $20,303, 11,396 ft. A.4010, Westmoreland Co., from Payne-Yost Constr. Co., 1101 Diamond Bank Bldg., Pittsburgh $90,667, 22,443 ft. A.3908, Northampton Co., from Smith-Fenstermacher, 42 South 7th St., Allentown $156,139, 19,870 ft. A.3961, Montgomery Co., from Dalton Bros., Paoli $148,843, 6,810 ft. R.480, Westmoreland Co., from Gray Bros., 817 Salt Spring St., Youngstown, O. $40,193, 1,242 ft. R.130, Spur A, A.3692, Delaware Co., from Union Paving Co., 123 South 21st St., Philadelphia $191,479, 5,437 ft. As. 3955-4247, Beaver Co., from W. S. Morrison, New Brighton $111,992, 8,137 ft. R.50, A.3137-A, Somerset Co., from R. W. Trevarrow, Somerset $61,147, 10,915 ft. A.3986, Allegheny Co., from F. W. Scott & Co., Hays $162,641, also 14,130 ft. R.339, Sect. 2, A.3980, Schuylkill Co., and waterbound macadam paving 29,100 ft. R.122, A.4039, Perry Co., from Swanger & White, 2nd and Canal Sts., Lebanon, $114,363 and $128,859 respectively. Noted June 3.

Maryland — State Roads Comn., Baltimore, sheet asphalt paving 0.54 mi. Contr. BC-60, from Amer. Paving & Constr. Co., Montebello Ave., Baltimore, $41,401. Noted June 17.

Maryland—State Rds. Comn., Baltimore, concrete paving 1 mi. Contr. W-44, Washington Co., from L. R. Waesche & Sons, Thurmont, $19,640; and graveling 2 mi. Contr. Ch.-40, Charles Co., from H. S. Swann, LaPlata, $12,967. Noted June 10.

Virginia — State Hy. Comn., Richmond, bituminous macadam paving 3.173 mi. Project S-204, Prince William Co.; incl. rein.-con. bridge over Cannon River, from Rhodes & Walters, Culpeper $97,282, 1.912 mi. Project S-217-B, Dickenson Co., and 1.505 mi. Project S-344-C, Wise Co., from W. H. Meadows, Coeburn, $64,669 and $29,638 respectively; concrete paving 1.81 mi. Project S-273-A, Nottoway Co., from Southern Constr. Co., Petersburg $50,452, and 2.878 mi. Project S-434-A, Greensville Co., from Ford & Harvey, Lynchburg $85,305; 1663 ft. rein.-con. bridge over Stoney Creek, from Hankins & Collins, Richmond, $18,672. Noted May 27.

W. Va., Moundsville — Concrete paving various streets, from Stringer & Springer Constr. Co., Wheeling, $55,650. Noted May 17.

South Carolina — State Hy. Dept., Columbia, June 15, grading 9.5 mi. Route 6, State Project S-606, Orangeburg Co., from Newell Contg. Co., Greenville, $17,696, and 3.974 mi. State Route 12, State Project S-522-C, Aiken Co., from Porter-Constructors, add Charlotte, N. C., $79,137; constructing 4.2 mi. State Route 53, State Project S-623, Florence Co., from A. S. Barron, Hartsville, $15,079, 4.8 mi. State Route 2, State Project S-631, Pickens Co., from Ashmore & Sons, Greenville, $50,269, and 8.7 mi. State Route 121, State Project S-550-A, Aiken Co., from J. C. Moffitt, Abbeville, $42,404; paving 8.4 mi. State Route 2, State Project 38-C, Oconee Co., from Simons-Mayrant Co., Charleston, $236,527, and 7.8 mi. State Route 12, State Project S-522, Aiken Co., from W. F. Bowe, Jr., 541 Broad St., Augusta, Ga., $210,797; constructing approaches to bridge over Catawba River, Chester-Lancaster Counties, from J. M. Whisonant, Rock Hill, $16,677. Noted June 10.

Louisiana — State Hy. Comn., Baton Rouge, June 15, graveling 7.69 mi. Sicily

Streets and Roads (Continued)

Island-Clayton Highway, Federal Aid Project 161-B, Catahoula Parish, from Mumford Philips & Son, Baton Rouge, $40,794.

O., Cleveland — Grading, guttering and paving 13,500 sq.yd. Snow Rd., from Cleveland Trinidad Paving Co., The Arcade, bitesite $74,159; and Freshwater Constr. Co., Davis & Farley Bldg., brick $75,209. Engrs. est. $86,632.

O., Cleveland — Comrs. Cuyahoga Co., paving Ridge Rd., from Cleveland Trinidad Paving Co., The Arcade, 1,177 tons asphaltic concrete, $20,753, and from Enterprise Paving & Constr. Co., 8444 Bway., 7,704 sq.yd. concrete, $31,711.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., June 19, asphalt resurfacing, etc. Becher and Lake Sts., from White Constr. Co., 68 Wisconsin St. $12,318 and $2,418 respectively; also 4th St. and Lisbon Ave., from Badger Constr. Co., 97 Wisconsin St. $3,681 and $19,580. Noted June 17.

Wis., Racine—H. A. Nelson, comr. Pub. Wks., June 19, rein.-con. paving, etc. 25,000 sq.yd. various streets, from Western Impvt. Co., 840 9th St., at $2.64 per sq.yd.

Tex., Alice—Jim Wells Co. **e. e. means engrs. est.**), from W. L. Pearson & Co., 1st Natl. Bank Bldg., Houston, 1 in. two course limestone rock asphalt on limestone paving 14.3 mi. State Highway 12, Federal Aid Project 429-E, Unit 2, $173,739 e. e. $233,-900; 13.69 mi. same road, $223,871 e. e. $282,500; 5.931 mi. same road, Federal Aid Project 424-C, Unit 2, $92,407 e. e. $124,-435; 14.417 mi. same road, Federal Aid Project 429-H, Unit 2, $242,435 e. e. $293,-600; and 16.098 mi. same road, Federal Aid Project 429-G, Unit 2, $254,308 e. e. $315,700. Noted Mar. 27.

Tex., Groveton — F. J. Berry, judge Trinity Co., grading, bridging, etc. 19.054 mi. Highway 94, State Aid Project 677-A, 18 ft., from J. S. Moore & Sons, Lufkin, $84,020. Engrs. est. $100,000. Noted June 3.

Tex., Marlin — State Hy. Dept., Austin, grading and bridging 5.66 mi. Highway 108, State Aid Project 670-B, 26 ft., from D. H. Buchanan, Temple, $38,643. Engrs. est. $46,000. Noted May 27.

Tex., Raymondville—Willacy Co., curbing, guttering and concrete paving 25,000 sq.yd. various streets, from Southwest Bitulithic Co., Gunter Bldg., San Antonio, $79,165. Engrs. est. $85,000. Noted June 10.

Tex., Seymour — Gravel and concrete paving 12.72 mi. State Highway 24, Federal Aid Project 445-A, and 13.68 mi. State Highway 30, Federal Aid Project 452-A, Unit 2, from Womack Constr. Co., Sherman, $183,962 and $148,696 respectively; engrs. est. $225,280 incl. 10% for engineering and contingencies and $225,600 respectively; and rein.-con. paving 0.8 mi. same road State Aid Project 564, Unit 2, from J. C. Field & Co., Denison, $20,789, engrs. est. $26,300. Noted May 27.

Colorado—State H. Dept., Denver, June 18, grading 10.303 mi. Federal Aid Project 275-F, Contr. Div. 1, Douglas Co., from J. Fred Roberts Constr. Co., Tramway Bldg., Denver, $132,679; paved approaches, etc., on Federal Aid Project 2-R, Div. 3, Las Animas Co., from Strange Maguire, Box 622, Pueblo, $28,523; improving 5.813 mi. Federal Aid Project 281-D and 251-B, Boulder Co., and 125 ft. steel bridge on Federal Aid Project 342, Constr. Div. 1, Mesa Co., from F. H. Knollman, 701 South Bway., Denver, $89,917 and $19,999 respectively. Noted June 17.

Colo., Denver—Concrete paving Park Hill Sidewalk Dist. 1 from J. F. Roberts Contr. Co., Tramway Bldg., $24,077; 12 blocks each Alley Paving Dist. 145, from M. E. Carlson, 4487 Newton St. $16,675, Dist. 146, from Gordan Constr. Co., Barclay Blk., $21,322, Dists. 147 and 148, from W. F. Pigg & Son, Commonwealth Bldg., $19,975 and $19,630 respectively.

Wash., Seattle—Bd. Pub. Wks., June 11, grading East 42nd St. et al., from F. Agostino & Co., 1318 21st St. S., $30,281. Engrs. est. $32,410.

Calif., Los Angeles—Supervs. Los Angeles Co., from G. H. Oswald, improving Inglewood Ave., 1,180 sq.ft. cross guttering at $0.25 per sq.ft., 38,177 cu.yd. earth excav. $0.38, 428,427 sq.ft. 2 in. sheet asphalt paving $7.75, 428,427 sq.ft. 3 in. asphaltic concrete base $8.75, etc., total $106,495. Engrs. est. $137,809.

Calif., Los Angeles—From Griffith Co., 502 Los Angeles Ry. Bldg., improving 58th St., 5,135 lin.ft. curbing at $0.43 per lin.ft., 15 sq.ft. guttering $0.24, 25,992 sq.ft. sidewalk $0.13, and 86,217 sq.ft. concrete paving $0.175, etc., total $45,152.

Calif., Los Angeles—Bd. Pub. Wks., June 14 from L. A. Paving Co., 2900 Santa Fe Ave., improving portion Hoover St., grading $2,300, 81,823 sq.ft. 7 in. concrete paving at $0.225 per sq.ft., etc., total $25,540. Noted May 27.

Calif., Los Angeles — Supervs. Los Angeles Co., June 7, from G. R. Curtis Paving Co., 2440 East 26th St., improving Peck Rd., 57 lin.ft. curbing at $0.40 per lin.ft., 52 sq.ft. guttering $0.20, 10,054 cu.yd. excav. $0.60, 303,185 sq.ft. vibrolithic paving $0.25, etc., total $83,492, engrs. est. $82,200; from J. and P. Christich, 1817 East 3rd St., Cameron St., 23,570 lin.ft. curbing $0.40, 4,292 sq.ft. cross guttering $0.23, 45,-852 sq.ft. 6 in. guttering $0.20, 93,478 sq.ft. 4 in. sidewalk $0.13, 21,788 cu.yd. earth excav. $0.35, total $48,608, engrs. est. $56,-600, also streets in Bellflower, 71,183 lin. ft. curbing $0.40, 7,445 sq.ft. cross guttering $0.23, 149,328 sq.ft. 6 in. guttering $0.20, 288,720 sq.ft. sidewalk $0.13, 32,418 cu.yd. earth excav. $0.35, etc., total $144,739, engrs. est. $179,309. Noted June 10.

Calif., Los Angeles—From G. R. Curtis Paving Co., 2440 East 26th St., improving Alcott St., 672 lin.ft. curbing at $0.50 per lin.ft., 2,264 sq.ft. sidewalk $0.15, 94,084 sq. ft. 7 in. concrete surfacing $0.20, etc., total $31,229; also from W. Liddington, 420 East 60th St., Manchester Ave., 1,334 lin.ft. curbing $0.44, 6,634 sq.ft. sidewalk $0.14, 170,493 sq.ft. 7 in. concrete surfacing $0.209, etc., total $43,369. Noted June 17.

Calif., Tracy—G. L. Frerichs, city clk., June 10, grading, curbing, guttering 1½ in. on 3½ in. Willite asphaltic concrete paving, etc., Center St., Eaton Ave., etc., from J. E. Johnston, Savings & Loan Bldg., Stockton, $43,125. Noted June 3.

Contracts Awarded

Massachusetts—Dept. Pub. Wks., Boston, bituminous macadam paving 5,866 ft. highway in Stockbridge, to Lane Constr. Co., 37 Colony St., Meriden, Conn., $44,390; 2,700 ft. in Sharon, to Unity Constr. Co., 42 Prospect St., Somerville, $13,910; 5,417 ft. in Winchendon, to C. E. Horne, Millbury, $40,792; 5,782 ft. in Middleboro, to Powers Bros., 161 Montello St., Brockton, $30,364; 2,950 ft. in Freetown, to Candey Constr. Co., Clifford, $20,951; and 4,500 ft. in Lakeville, to Z. L. Canedy, Lakeville, $19,226. Grand total $169,633. Noted June 24.

Mass., Boston—Sheet asphalt or bitulithic paving Tremont St. from Washington St. to Newton line, to H. F. Malley, 174 Hillside Ave., Roxbury, $33,733. Noted June 24.

Mass., Boston—Dept. Pub. Wks., recut granite block paving Boston St., in South Boston, to J. J. McCarthy Co., 121 Boston St., $37,206. Noted June 17.

Connecticut—State Hy. Dept., Hartford, bituminous macadam paving 918 ft. highway in Groton, to Curtis Quillan Co., 350 Wmnr. St., Providence, R. I., $7,061, and 1,300 ft. in Branford, to A. G. Bianchi & Co., Longmeadow, Mass., $12,692; also rein.-con. paving 45,520 ft. in Wilton-Norwalk, to Osborn & Barnes, Odd Fellows Bldg., Danbury, $272,813. Grand total $292,566. Noted May 13.

New York—A. W. Brandt, comr. Highways, Albany, constructing 5.59 mi. Tuscarora-Groveland Highway, Contr. 1732, Livingston Co., to M. J. McMahon, DuBois, Pa., $265,478 e. e. $342,902. Noted June 3.

N. Y., Brooklyn — J. A. Guider, pres. Brooklyn Boro, Boro Hall, to Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., sheet asphalt paving Bay Ridge Ave. $6,989, Brooklyn Ave. $4,242, East 31st St. $8,683 and East 35th St. $5,396; to Borough Asphalt Co., 1301 Metropolitan Ave., Atkins Ave. $7,214, Herzel St. $5,435, and Hinsdale St. $4,332, to Sicilian Asphalt Paving Co., 41 Park Row, New York City, Lorimer St. $39,733, to Uvalde Asphalt Paving Co., 1 Bway., New York City, Sackman St. $9,582, to B. Turecamo Contg. Co., 8906 Bay 12th St., East 9th St. $7,241, East 13th St. $8,105, and 54th St. $6,737; to M. J. O'Hara, Neptune Ave. and West 19th St., grading and asphalt block paving 41st St. $27,041, and 51st St. $21,685, also asphalt paving 90th St. $2,535; to G. M. Mandato, 129 29th St., grading, curbing and flagging East 13th St. $3,162, 90th St., etc., $809, to R. Lynster, 1364 Sterling Pl., 31st St. $2,985, and from Castle Bros., 54th St., etc., $2,741; also to S. Guerriero, storm water sewer in East 5th St., $6,567. Grand total $181,214. Noted June 24.

N. Y., Mineola—Bd. Supervs. Nassau Co., asphalt concrete paving, etc., Bedell St. extension at Atlantic Ave., Freeport, to Standard Bitulithic Co., 50 Church St., New York City, $95,018; and improving roads in North Hempstead, to Crampton Bros., Dock E, Shore Rd., Great Neck, $25,500.

N. Y., New York—H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., sheet asphalt on concrete paving Gun Hill Rd. frmo White Plains to Eastchester Rds., to Gaffney Constr. Co., 50 East 42nd St., $108,595. Noted June 24.

N. Y., New York — A. Goldman, comr. Plant & Structures, Municipal Bldg., paving and sidewalks easterly end 155th St. viaduct, to P. Cramer, 154 East 50th St., $28,690. Noted June 24.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., grading and sheet asphalt repaving Madison Ave., to Cleveland Trinidad Paving Co., Flushing, $59,531; widening and sheet asphalt repaving 5th Ave., to Uvalde Asphalt Paving Co., 1 Bway., $227,315; grading and asphalt block repaving Bethune St., to J. Meehan & Son, West St. Bldg., $8,502. Grand total $295,348. Noted June 24.

N. Y., White Plains—Bd. Supervs. Westchester Co., concrete paving 1.75 mi. Ossining-Briarcliff Highway, to F. Roeber Co., 507 5th Ave., New York City, $82,138. Noted May 27.

N. J., Flemington — Bd. Freeholders Hunterdon Co., bituminous macadam paving 18,398 sq.yd. road from Stockton to Lambertville, to Thompson & Drumm, Whitehouse Station, $24,977; and 2 mi. Lambertville-Stockton Rd., to M. Staub, Pitman, $28,747. Noted June 3.

N. J. Paulsboro—Gloucester Co. (Woodbury) grading and paving 67,005 sq.yd. Paulsboro-Jefferson Rd., to Freehold Constr. Co., 12 West Main St., Freehold, $242,357. Noted June 10.

N. J., Wildwood—Cape May Co., Court House, Cape May, concrete paving Wildwood Blvd., to E. R. Mixner, Goshen, $173,-515. Noted May 27.

Pennsylvania—State Hy. Dept., Harrisburg, **(R. means Route and A. means Application)**, rein.-con. paving, etc. 5,009 sq.yd. R.84, Sect. 5, Erie Co., to C. H. Fry Constr. Co., Erie $26,192, 25,080 sq.yd. As. 3441 and 3670, Bucks Co., to R. L. Bonham Co., Bridgeton, N. J. $87,487, 58,-477 sq.yd. Rs.285 and 226, Lehigh and Berks Counties, to Johnson, Drake & Piper, 834 1st Natl. Soo Line Bldg., Minneapolis, Minn. $242,381, 14,766 sq.yd. A.4009, Westmoreland Co., to Donora Constr. Co., Donora $72,321, 29,685 sq.yd. A.2003-A, York Co., to Louder Constr. Co., Lancaster $108,179, 14,397 sq.yd. A.3528, Somerset Co., to M. F. McCabe & Co., Fairmont, W. Va., $61,727, 48,423 sq.yd. R.78, Beaver Co., to R. H. Cunningham & Sons Co., Turtle Creek $245,148, 642,082 sq.yd. R.116, Fayette Co., to Elder & Merriman, Ebensburg $185,063, 14,210 sq.yd. Rs.435 and 736, Jefferson Co., to J. Weisner & Son, St. Marys $96,859 and 20,343 sq.yd. R.75, A.4040, Butler Co., to Indiana Constr. Co., Indiana $85,049; also waterbound macadam paving, etc. 49,874 sq.yd. A.3770, Luzerne Co., to D. Reitz Constr. Co., Sunbury, $122,-111. Grand total $1,332,517. Noted June 10.

Pa., Ellwood City—Brick paving approximately 9,380 sq.yd. various streets, to Shorb & Reline, St. Clairsville, O.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, to E. Garlick, Sr., 2948 East Venango St., grading Almond St. $996, to F. Mark Constr. Co., North and Winghocking Sts., 4th St. $981; to Barber Asphalt Co., 239 North 20th St. asphalt paving (assessment work) Ditman St. $4,485, Glenmore St. $4,183, Kenmore St. $4,644, Vankirk St. $18,386 and Worth St. $2,205, to Union Paving Co., 128 South 21st St., 10th St. $4,045, and to Eastern Asphalt Co., Penn Bldg., 66th St. $6,183; to Curtis Bros., State and Unruh Rds., improving Bingham, Lawndale, Levick, Magee, Passmore, and Tyson County Rds., $38,548, Prospect Rd. $4,143, and Shelbourne Rd. $2,751, to Mazzola & Marano, 730 South 7th St., Claridge, Dalton, Ferndale, Hoffnagle, Oakmont, Solly and Stanwood Rds. $26,086, to M. Y. Neely, Inc., Oxford and Wakeling Aves., Fuller Rd. $7,600; and to J. B. McHugh, Jr., 892 North Markoe St., erecting steel smoke shield on 34th St. Bridge 257, over Pennsylvania R.R. tracks, $2,915. Grand total $128,151. Noted June 24.

Florida—State Rd. Dept., Tallahassee, 8 in. lime rock surfacing 6.43 mi. road in Volusia Co., to L. M. Gray, Gainesville, $110,929; clearing, grubbing, grading, etc., 7.1 mi. Lake Co., to B. Booth & Co., Green Cove Springs $54,775, 13.5 mi. Brevard Co., and 3.93 mi. road in Charlotte Co., to E. F. Powers Constr. Co., 401 Citizens Bank Bldg., West Palm Beach, $108,299 and $38,-423 respectively; constructing 120 ft. span on concrete piers, and 1,348 ft. approach, also 120 ft. span on concrete piers and 1,243 ft. approach, both Okaloosa Co., to A. Bentley & Sons, Amer. Natl. Bank Bldg., Jack-

Constr. News page 7

Streets and Roads (Continued)

sonville. Grand total $312,426. Noted June 3.

La., Baton Rouge — East Baton Rouge Parish, will grade, and construct bridge in Sub-Road Dist. 4, by day labor; also 13,500 cu.yd. gravel, to Phoenix Sand & Gravel Co., Baton Rouge, at $1.9575 per cu.yd.; hauling and spreading same, to C. F. White, Baton Rouge, at $0.72 per cu.yd.

La., Livingston — Grading, sidewalks, graveling, etc., in Metairie Ridge Subdivision, to J. Reiss, Carondelet Bldg., New Orleans. Engrs. est. $65,000.

La., Mansfield — City, hard paving 3 streets, to H. M. Silver, Mansfield, $77,013.

Tenn., Clarksville—Montgomery Co. and State Dept. Highways & Pub. Wks, Nashville, will surface with oil 12 mi. Clarksville-Adams Rd. To exceed $25,000. Work will be done by State Highway maintenance forces.

Ohio—G. F. Schlesinger, dir. Highways & Pub. Wks. Columbus, to R. E. Van Camp, Columbus, surface treating 3.843 mi. Sects. "D" and "F" West Union-Bainbridge Rd. $2,861, 0.761 mi. Sect. "Sinking Springs" same road $586, 1.125 mi. Sect. "F" same road $933, all foregoing in Adams Co., 11.775 mi. Sects. "C", "P-1" and "P-2" Cincinnati-West Union Rd. $8,375, 4.63 mi. Sect. "A" Ripley-Hillsboro Rd. $2,412, both in Brown Co., traffic bound macadam paving 6.5 mi. Sect. "D" Cincinnati-Brookville Rd. $11,809, and 4.5 mi. Sect. "D" Hamilton-Richmond Rd. $7,350, both in Butler Co., and 5.5 mi. Sect. "B" Wilmington-Hillsboro Rd., Clinton Co. $10,200; to Burris, Hanlon, Jones & Parker, Hammersville, surface treating 2 mi. Sect. "B-1," Georgetown-Ripley Rd. $1,449, and 0.5 mi. Sect. "Higginsport" Ohio River Rd. $640, both in Brown Co., to L. Dehmer, Tiffin, 10.14 mi. Sects. "G" and others, Urbana-Sidney Rd. and Piqua-Urbana Rd., Champaign Co. $5,937, 12.59 mi. Sect. "J" and others, Ashland-Oberlin Rd., Lorain Co. $8,-441 2.8 mi. Sects. "K" and "G" Marion-Gallon Rd., Marion Co. $2,619, to U. S. Constr. Co., Sandusky, 24.5 mi. Sect. "Many of various roads," Hancock Co. $16,259 to C. W. Millar, Youngstown, 6.47 mi. Sects. "K" and "M" Youngstown-Conneaut Rd., Trumbull Co. $3,709 and to Trumbull Constr. Co., Warren, 6.35 mi. Sect. "A" Salem-Warren Rd., Trumbull Co. $4,260; to O. C. Ashcraft, West Union, water-bound macadam paving 1.175 mi. Sect. "West Union" West Union-Bainbridge Rd., Adams Co. $32,918 to Allen County Paving Co., 48 Metropolitan Bldg., 1.23 mi. Sect. "B-1" Findlay-Delphos Rd., Allen Co. $39,509, to W. H. Ringwald & Sons Co., Chillicothe, 5.31 mi. Sect. "B" Columbus-Cincinnati Rd., Clark Co. $105,823, and brick (inc. brick) paving 2.976 mi. Sect. "C-3" Columbus-Lancaster Rd., Fairfield Co. $100,810; to H. L. Sharp & Co., Warren, waterbound macadam paving 2.12 mi. Sect. "A" Painesville-Ravenna Rd., Geauga Co. $46,-715, to Stuart & Klener, Moxahala, 2.299 mi. Sect. "H-1" Cambridge-Coshocton Rd., Guernsey Co. $60,880, to D. C. Ingold, McComb, 5,547 mi. Sects. "A" and "E" Deshler-Findlay Rd., Wood Co. $97,679, to G. R. Stinchcomb, 1191 Oak St., Columbus, 8.206 mi. Sect. "C" and others, Upper Sandusky-Tiffin Rd., Wyandot Co. $44,269, traffic bound macadam paving 6.5 mi. Sects. "C" and "D" Lower Salem-Jacobsburg Rd., Monroe Co. $11,210, and limestone surfacing 15.26 mi. Sect. "E" McConnelsville-Caldwell Rd., Morgan Co. $27,638; to J. F. Stambaugh, Ada, concrete paving 4.733 mi. Sects. "E" and "F", Athens-Marietta Rd., Athens Co. $126,369, to Lewis & Copeland, Lima, 0.38 mi. Sect. "Roscoe" Mt. Vernon-Coshocton Rd. $15,929, and 1.265 mi. Sect. "B-3" same road $38,363, both in Coshocton Co., also grading, etc. 2.864 mi. Sect. "D-1" Youngstown-East Liverpool Rd., Columbiana Co. $32,308; to H. Candel, Bucyrus, concrete paving 1.849 mi. Sects. "Cresline" and "B-1" Galion-Shelby Rd., Crawford Co. $48,-883, to W. C. Brown, Chillicothe, 1.664 mi. Sect. "M-1" Cincinnati-Zanesville Rd., Fairfield Co. $46,980, to Lynn Constr. Co., Paulding, 0.644 mi. Sect. "New Albany" Columbus-Millersburg Rd., Franklin Co. $23,300, to Independent Constr. Co., Lorain, 0.727 mi. Sect. "Q-2" Medina-Elyria Rd., Lorain Co. $19,119, and 0.802 mi. Sect. "N" Ashland-Medina Rd., Medina Co. $19,084, to Ohio Eng. Co., Lorain, 2.076 mi. Sect. "C-1" Cleveland-Lorain Rd., Lorain Co. $56,000, to Hinton & Smalley, Celina, 4.377 mi. Sects. "T" and "U" Mt. Marys-Ft. Wayne, Rd., Mercer Co. $115,345, to Adams Bros. Constr. Co., Zanesville, 9.14. Sects. "G" and "South Zanesville" Zanesville-Cincinnati Rd., Muskingum Co. $29,859, to Davis & Davenport Constr. Co., Spencerville, 6.513 mi. Sects. "K" and "M" Marietta-Athens Rd., Washington Co. $187,311, and to R. Daoust, Defiance, 4.043 mi. Sect. "C" Toledo-Angela Rd., Williams Co. $96,142; to J. Barker, Fayetteville, traffic bound macadam paving 3.5 mi. Sect. "G" Georgetown-Wilmington Rd., $880, and 1 mi. Sect. "C" St. Martin Rd., $480, both in Clinton Co., to R. Froyer & H. A. Bixler, Aurora, 5.695 mi. Sects. "B" and "Garrettville" Aurora-Warren Rd., Portage Co. $12,400; to J. C. and W. K. Drake, Marion, bituminous concrete paving 1.528 mi. Sect. "Harding Memorial" Marion-Delaware Rd., Marion Co. $26,499, to L. L. Aller, La Rue, and 1.31 mi. Sect. "G" Marion-Delaware Rd., Marion Co., $35,402; to Creager Bros., Liberty Center, bituminous macadam paving 2.634 mi. Sect. "C" Liberty-Adrian Rd., Fulton Co. $74,930, to Peerless Constr. Co., Fremont, 1.1 mi. Sect. "A-2" Harrisburg-Westville Rd., Sandusky Co. $19,869, and to T. F. Bower & Sons, Farmdale, 3.684 mi. Sects. "A" and "B" Aurora-Warren Rd., Trumbull Co. $54,526; to D. A. Philips & Son, Ashland, grading, etc. 5.174 mi. Sects. "B" and "G-2" Ashland-Oberlin Rd., Ashland Co. $71,806, to Bayne & McCalla Chillicothe, 5.124 mi. Sect. "D" Mansfield-Mt. Vernon Rd., Richland Co. $46,880, and to J. A. Burroughs, Corning, 3.825 mi. Sect. "H" McConnelsville-New Lexington Rd., Perry Co. $80,027; to Henderson Bros., Coshocton, furnishing, hauling and spreading gravel on 4 mi. Sect. "A" West Lafayette-Shanesville Rd., Coshocton Co., $7,260; to C. H. Dunn, Mt. Orab, crushed stone surfacing 8 mi. Sects. "C" and "D" Wilmington-Dardinia Rd., Highland Co., $6,075; to Modern Constr. Co., Fremont, brick paving 2.59 mi. Sect. "H" Oberlin-Norwalk Rd., Huron Co., $70,562; to Griggs-Anderson Constr. Co., Millersburg, brick (incl. brick) paving 1.9 mi. Sect. "Wadsworth" West Barberton-Greenwich Rd., Medina Co., $49,770; to J. L. McCormick, Ravenna, brick widening 3.059 mi. Sect. "E-2" Ravenna-Louisville Rd., Portage Co., $34,401; to W. S. Little, Dayton, widening, altering curve and concrete paving 1.597 mi. Sects. "A" and "B" Cincinnati-Dayton Rd., Warren Co., $19,369; to H. F. Mautz, Marietta, grading and culverts on 0.205 mi. Sects. "A", "B" and "C" Ohio River Rd., Washington Co., $17,198; to A. & K. Grandle Co., Leesburg, waterbound macadam widening 2.212 mi. Sect. "P" Dayton-Chillicothe Rd., Greene Co. $14,273. Grand total $2,152,890. Noted June 10.

O., Akron—Comrs. Summit Co., grading, curbing, paving 34,000 sq.yd. Kenmore-Mogadore Rd. 44E, to C. F. Wilmore, Middletown, $113,492. Noted June 10.

O., Akron—W. F. Peters, dir. Pub. Serv., grading, curbing, walks and vitr. brick paving 6,730 sq. yd. Course St. et al, to P. Maline, 1930 Elm St., Youngstown, $35,294. Engrs. est. $48,000. Noted June 10.

Ind., Sullivan—Sullivan Co., constructing Rush-McCammeron Rd., to W. H. Wood, Sullivan, $26,400. Engrs. est. $27,718. Noted June 3.

Mich., Dearborn—Concrete curbing and 8 in. concrete paving 18,498 sq.yd. Howe, Haigh and Tenny Sts., Homer, Audrey and Francis Aves., to Otis Cement Constr. Co., Hammond Bldg., Detroit, $64,589. Noted June 10.

Mich., Fordson — Curbing and concrete paving 9,735 sq.yd. Assessment Dists. 127 and 128, to W. H. Knapp Co., Monroe, $34,-724. Noted June 10.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, concrete paving Route 2, Sect. 53, De Witt Co., to E. Berns & Co., Indianapolis, Ind., $110,274; Route 31, Sect. 18, Fulton Co., to Kerr & Murphy, Bloomington, Ind., $163,956; Route 3, Sect. 16, to J. L. Wells Co., Rock Island, $42,403; Route 5, Sects. 29-X, 29-Y, 30-Y and grading Sect. 29-G, all JoDaviess Co., to Matthes Coal & Constr. Co., Davenport, Ia., $92,800. Grand total $409,433. Noted May 13.

Ill., Avon—Grading, curbing and 7 in. concrete paving 12,225 sq.yd. various streets, to F. J. Specht, Bushnell, $37,766. Noted June 10.

Ill., Chicago—Bd. Local Impvts., Room 207, City Hall, grading, sewers and 7 in. concrete paving roadways of alleys between West 59th St. and West 59th Pl., Princeton and Stewart Aves., between West 64th St. and West 64th Pl., South Kedzie and South Spaulding Aves., between West Van Buren and West Congress Sts., South Laramie and South Lockwood Aves., between Warren, West Madison, and North Campbell Aves., between Fulton and Lake Sts., North Walker and North Menard Aves., between Altgood and Montana Sts., North Lavergne and North Leclare Aves., between West Washington Blvd., West Madison St., North Laramie and North Latrobe Aves., between Walnut and West Lake Sts., North St. Louis and North Central Park Aves., between East 114th St., East 114th Pl., South State St. and Michigan Ave., t Paramount Constr. Co., 82 West Washington St.; grading, curbing, guttering and 1 in. concrete paving North Central Ave. fro West North to West Grand Aves., to J. A Sackley Co., 4608 Belmont Ave. and Exchange Ave. from Yates Ave. to East 69t St., to Calumet Coal Co., 9022 Commercial Ave.; grading, curbing, guttering and as phaltic concrete on present macadam paving North Hamlin Ave. from West Chicago to West North Aves., to White Paving Co., 1735 Fullerton Ave.; grading, curbing, guttering and asphalt on 6 in. concrete paving North Oak Park Ave. from Fullerton Ave. to right-of-way of Chicago, Milwaukee & St. Paul railroad, to Commonwealth Impvt. Co., 133 West Washington St.; grading, curbing, guttering and 8 in two course concrete paving Pensacola Ave from North Cicero Ave. to right-of-way of Chicago, Milwaukee & St. Paul railroad, to J. A. Ross Co., 4561 Armitage St.; curbing, guttering and asphalt on 6 in. concrete paving West 77th Pl. from South State to Federal Sts., to Amer. Asphalt Paving Co., 133 West Washington St. Noted June 3.

Ill., La Grange—Grading and concrete paving Peck and Brassford Aves., to Sternberg-Powell Co., 53 West Jackson Blvd., Chicago, $24,653; paving Spring and Edgewood Aves., to W. T. Foley, Chicago, $43,-930 and $108,218 respectively, house drains in Spring Ave., to W. Hoppenrath & Son, $2,592, water service pipes, to D. Hardin, $3,269. Grand total $182,662. Noted Jan. 28.

Wisconsin—State Hy. Comn., Div. Office 6, 213 Barstow St., Eau Claire, improving 9.716 mi. Federal Aid Project 402-A, Clark Co., 102,111 cu.yd. earth excav., 9,090 ft. intercepting ditches, etc., to Ross Paulson, Grantom, $59,813; and concrete paving, etc. 5,249 sq.yd. Federal Aid Project 370-B, Dunn Co., to A. Larson & Co., Eau Claire, $72,988. Noted May 27.

Iowa — State Hy. Comn., Ames, gravel surfacing 12.68 mi. Primary Road 13 from Bloomfield to Ottumwa, Davis Co., to Interstate Constr. Co., Swea, $28,202; grading 8.23 mi. Lincoln Highway from Dows City to Dunlap, Crawford Co., to G. W. Condon, 514 Federal Reserve Bldg., Omaha, Neb., $30,381; grading Primary Road 9, southeast of Decorah, to C. C. Barnes, Equitable Life Bldg., Des Moines, $14,310. Grand total $72,893.

Ia., Algona — Kossuth Co., to M. O Weaver, Iowa Falls, improving roads in Dists. 58 and 68, 12,480 cu.yd. gravel 1 mi. haul at $0.475 per cu.yd., 110,760 units ½ mi. haul $0.07, etc.; to Moe & Nelson, Belmont, Project S-67, 38,098 cu.yd. gravel 1 mi. haul $0.34 to $0.42 per cu.yd., etc.; to J. W. Donnelly, Gilmore City, Dists. 48 and 75, 99,875 cu.yd. excav. 1 mi. haul $0.30 and $0.45, 26,238 cu.yd. excav. ½ mi. haul $0.075, and $0.08, etc.; to Sampson Bros. Constr. Co., Algona, secondary roads, 16,-500 cu.yd.. excav. $0.26, $0.27 and $0.28, 98,750 units ½ mi. haul $0.26, etc.

Ia., Boone — Boone Co., to M. Munson, Boone, improving roads in Dist. 113, 1,300 cu.yd. gravel 1 mi. haul at $0.30 per cu.yd., 4,550 units ½ mi. haul $0.07, etc., Dists. 62 and 102, 2,600 cu.yd. 1 mi. haul $0.35, 35,750 units ½ mi. haul $0.07 and $0.08, Dist. 54, 11,700 cu.yd. gravel 1 mi. haul $0.30, 139,750 units ½ mi. haul $0.07, etc.; to F. G. Bennethum, Bayard, Dists. 9, 25, and 70, 18,550 cu.yd. gravel 1 mi. haul $0.24, 137,250 units ½ mi. haul $0.067, etc.; to M. O. Weaver, Iowa Falls, Dists. 73, 75, 100 and 101, 11,700 cu.yd. excav. 1 mi. haul $0.30, 139,750 units ½ mi. haul $0.07, etc.

Ia., Centerville — Appanoose Co., to Keokuk Quarries & Constr. Co., Keokuk, improving 7.095 mi. East and West of Centerville, 40,158 cu.yd. earth excav. at $0.38 per cu.yd., 75,318 sq.yd. type A, class 2 paving $2.37, etc., total $196,483. Noted Apr. 29.

Ia., Dakotah — Humboldt Co., to C. F. Betz, Sioux City, improving Secondary and Primary Projects S-80 and S-81, 34,792 cu.yd. excav. $8,593, 35,147 cu.yd. excav. at $0.247 per cu.yd., 10,000 cu.yd. excav. $0.287, 2,002 ft. 12 and 15 in. culvert labor at $0.35 and $0.45 per ft.; to J. H. Heldt & Co., Everly, Dist. 8, 19,700 cu.yd. gravel 1 mi. haul at $0.30 per cu.yd., 69,125 units ½ mi. haul $0.07, and 7,000 cu.yd. stripping $0.18. Noted May 13.

Kan., Coldwater—Comanche Co., grading, 2 triple box bridges, etc., 4.593 mi. Federal Aid Project 337-A, to Wyland, Lattin & Yard, Portio, $20,691. Noted May 13.

Kan., Dodge City — Ford Co., grading, culverts and one 20 ft. slab bridge, and three 8 ft. triple boxes on 10.436 mi. Federal Aid Project 56-A and B, also grading, etc., 1.581 mi. Federal Aid Project 236-D, to A. L. Cook, Ottawa, $66,350 and $13,430 respectively. Noted May 13.

Kan., Marysville—Marshall Co., to Wayland Bridge Co., Washington, improving

Constr. News page 8

Streets and Roads (Continued)

Federal Aid Project 182-A, grading $5,612, culverts $1,947, Federal Aid Project 183-A, grading $6,349, culverts $1,491; to Fairbury Constr. Co., Fairbury, Neb., bridge on same road, $8,314; to O'Hagan & McVicar, Kansas City, Mo., bridges on Federal Aid Project 182-A $10,652, grading Federal Aid Project 249-A $4,326, culverts $768, and bridges $19,873; to A. L. Cook, Ottawa, grading Federal Aid Project 184-A $14,866, culverts $3,089, and bridges $10,263. Grand total $87,550. Noted May 27.

Kan., Medicine Lodge—Barber Co., sand clay surfacing, etc., 4.172 mi. Federal Aid Project 333-A, to Shultz Constr. Co., Pittsburg, $28,110; and bridges on Sect. B same road, to E. E. Rhodenbaugh, Hazelton, $12,679. Noted May 13.

Kan., Pratt—Pratt Co., grading 1.265 mi. Federal Aid Project 305-B, to Somers Constr. Co., Newton, $44,445; culverts, and three 40 ft. span deck girder bridge on same road, to Ruggles Constr. Co., Winfield, $18,634. Noted May 13.

Kan., Pratt—Pratt Co., grading and culverts on 6.871 mi. Federal Aid Projects 305-B and 341-A, to Somers Constr. Co., Newton, $42,445; and nine 30 ft. span deck girder bridges on same, to Ruggles Constr. Co., Winfield, $18,634.

North Dakota — State Hy. Dept. and Comrs. Griggs Co., at Court House, Cooperstown, grading, etc., 74,618 cu.yd. Federal Aid Project 323-A, and 61,531 cu.yd. Federal Aid Project 323-B, to Hohman, Webster & Son, Turtle Lake, $32,653 and $30,018 respectively. Noted May 6.

Mo., Springfield—To Stigall Constr. Co., Talmage and Benton Sts., concrete paving, etc., 13,657 sq.yd. High St. at $1.59 per sq. yd., 710 sq.yd. Delmar St. $1.95, and 5,327 sq.yd. Thomas St. $1.90; to H. Prosperi, 1220 North Campbell St., concrete sidewalks on 1,370 ft. College St. at $0.77 per ft., and to F. X. Baron, 405 West Lynn St., 1,245 ft. East Ave. $0.83.

Ark., England — Grading, curbing and rein.-con. paving 16,870 sq.yd. Paving Dist. 1, to H. Brown, North Little Rock, $41,127. Noted June 10.

Ark., Osceola—Mississippi Co., improving 15 mi. Road 1, Osceola and Little River Road Impvt. Dist. 1, 43,000 cu.yd. excav., 10,000 cu.yd. cleaning ditches, 44,733 cu.yd. gravel surfacing, etc., to Southern Material & Constr. Co., Southern Trust Bldg., Little Rock, $186,473.

Tex., Memphis — A. C. Hoffman, judge Hall Co., grading and bridging, etc., 3.147 mi. Highway 5, Federal Aid Project 438-H, 26 ft., to McClung Constr. Co., 1309 F & M Bank Bldg., Ft. Worth, $36,082. Engrs. est. $42,000. Noted May 6.

Tex., Slaton — Paving 45,141 sq.yd. various streets, to Howard Constr. Co., Post City, $143,750.

Okla., Chandler — Grading and vertical fibre brick paving 8,700 sq.yd. East 11th St., to H. L. Cannady Co., 1122 South Lewis St., Tulsa, $34,631. Engrs. est. $38,000. Noted May 13.

Okla., Tecumseh— Pottawatomie Co., gravel surfacing 72,410 sq.yd. Tecumseh-Norman Rd., to O. T. Benton, Shawnee, $30,387, engrs. est. $34,000; 73,275 sq.yd. Shawnee-Belmont Rd., and 84,720 sq.yd. Wanette-Asher Rd., to Ellis & Lewis, Muskogee, $29,313 and $31,264 respectively, engrs. ests. $31,250 and $36,200 respectively. Grand total $90,964.

Calif., Martinez—J. H. Wells, clk. Contra Costa Co., oil surfacing, etc. 253,440 sq.ft. Tunnel Rd., to Heafey-Moore Co., 344 High St., San Francisco, $17,738. Noted May 20.

Calif., Modesto—Supervs. Stanislaus Co. will pave with oil macadam and asphaltic macadam portions Henry, Finney, Oakdale Rds., etc., by day labor. Former bids rejected. To exceed $40,000. J. H. Hoskins, Modesto, co. surv. Noted June 3.

Calif., Pasadena — Grading, curbing, guttering, walks and oil macadam paving, etc. Linda Vista Ave. between Iverness and Devils Gate dam, to J. E. Haddock, 357 North Chester Ave., $116,235. Former contract rescinded. Noted June 24.

Calif., San Diego — Common Council, grading, and 5 in. concrete paving, etc., University Ave., to D. H. Ryan, Spreckels Bldg., $132,641. Noted June 10.

Calif., San Jose—H. Pfister, clk. Santa Clara Co., 4½ in. asphaltic concrete paving 592,000 sq.ft. Mountain View and Alviso Rd., to Union Paving Co., Call Bldg., San Francisco, $97,985. Noted May 20.

Calif., Santa Ana—Curbing, walks, 5 in. concrete paving, etc. 129 600 sq.ft. Pomona Ave., to Griffith Co., Railway Bldg., Los Angeles, $25,900. Noted June 10.

Calif., Stockton—Grading, curbing, guttering, walks, 1½ in. Warrenite-bitulithic on 3½ in. asphaltic concrete and cement gravel surfacing 138,599 sq.ft. Pacific Ave., to Clark & Henery Constr. Co., Chancery Bldg., San Francisco, $47,776. Noted May 27.

Ontario—Dept. Pub. Highways, Toronto, concrete paving 2.95 mi. Brooklin S. to end of present concrete, north of Whitby, 20 ft., to Orr & Clark, 121 Carlaw Ave., Toronto. Engrs. est. $75,000.

Ont., Toronto—East York Twp., curbing, guttering and asphalt on concrete paving 15,000 sq.yd. Woodbine and Woodycrest Aves., to Ontario Amiesite Co., Lumsden Bldg., $51,765 and $7,250 respectively. Engrs. est. $60,000.

Ont., St. Catharines—City will grade, curb, gutter, and pave with sheet asphalt and concrete 75,000 sq.yd. various streets, by day labor. $250,000. B. F. Lawson, City Hall, engr.

Ont., Smiths Falls — Suburban Area Comn. constructing road between Franktown and here, to McDonnell, Dibble & Covey, Bank St., Ottawa, $28,000.

Manitoba—Dept. Pub. Highways, Winnipeg, grading 11 mi. highway in Carberry, to H. G. Winslow & Son, Newton Siding, at $0.21 per cu.yd.

Man., Ochre River—Grading 15 mi. highway, to Middle West Constr. Co. Ltd., 304 Commercial Bldg., Winnipeg, at $0.21 per cu.yd.

B. C., Trail — Rein.-con. paving 35,000 sq.yd. Bay and Riverside Aves., and retaining walls, to Dawson, Wade & Co., Ltd., Bekins Bldg., Vancouver, $38,000. Noted May 20.

Buildings—Commercial

Proposed Work

Mass., Boston — UNDERGROUND GARAGE — City, T. J. Hurley, chn. Bd. Street Comrs., plans underground garage under Boston Common. $1,500,000. Engineer and architect not selected.

Mass., Boston — ADMINISTRATION, COMMUNITY, etc. — Congregation Adath Israel, H. Levi, rabbi, 602 Commonwealth Ave., takes bids after July 15, 1 and 3 story, irregular shaped, brick, stone and granite, Riverway and Longwood Aves., Plymouth and Brenner Sts. To exceed $150,000. McLaughlin & Burr, 88 Tremont St., Boston, archts. Noted June 3.

Mass., Cambridge—(Boston P. O.) BANK and STORE—North Cambridge Co-operative Bank, having preliminary sketches made by C. R. Greco, 11 Beacon St., Boston, 1 or 2 story and basement, brick and stone, 2360 Massachusetts Ave. $150,000.

Mass., Cambridge (Boston P. O.) — STORE and OFFICE—Snider & Druker, 18 Tremont St., Boston, having plans prepared by Blackall, Clapp & Whittemore, 31 West St., Boston, 10 story and basement, 4,000 sq.ft. floor space, brick and stone, Central Sq. To exceed $150,000.

Mass., Gardner — HOSPITAL—Commonwealth of Massachusetts Dept. Mental Diseases, State House, Boston, having sketches made by C. P. Hoyt, 6 Beacon St., Boston, 2 or more story, brick, here. $150,000 or more.

Mass., Great Barrington—HOSPITAL—B. Dirs. Fairview Hospital, having preliminary plans prepared by Crow, Lewis & Wick, engrs and archts., 200 5th Ave. New York City, hospital addition. $200,000.

Mass., Hyannis—STATION—New York, New Haven & Hartford R.R., New Haven, Conn., E. Gagel, ch. engr., having plans prepared, brick station, here. $150,000. Private plans.

Mass., Hyannis—STATION—New York, New Haven & Hartford R.R. Co., E. Gagel, ch. engr., New Haven, Conn., plans station, Depot Sq., here. $150,000 or more.

Mass., Falmouth—HALL—Town, A. Underwood, chn. com., having sketches made by Hutchins & French, 11 Beacon St., Boston, altering and constructing 2 and 3 story and basement, brick and stone town hall. $150,000.

R. I., Providence — CLUB HOUSE — Providence Plantation Club, 77 Franklin St., having sketches made by Andrews, Jones, Biscoe & Whitmore, 50 Congress St., Boston, clubhouse, Abbott Pl. $150,000 or more.

N. Y., Brooklyn — APARTMENT — S. Guardino, 8222 19th Ave., having plans prepared by DePace & Juster, 110 West 40th St., New York City, 6 story and basement, brick and steel, 84th St. and 20th Ave. $800,000.

N. Y., Brooklyn — APARTMENT — P. Renelli, 8312 19th Ave., having plans prepared by DePace & Juster, 110 West 40th St., New York City, 4 story and basement, 90 x 100 ft., brick and steel, 85th St. and Bay Parkway. $200,000.

N. Y., New York—TEMPLE and COMMUNITY HOUSE—Congregation Ansche Chesed, c/o F. Zittell & Sons, Inc., Bway. and 79th St., plans 8 story temple and community house, West End Ave. and 100th St. $1,000,000. Engineer and architect not selected.

N. Y., New York—APARTMENT—Lojo Realty Co., 2382 Grand Concourse, having plans prepared by C. Kreymborg & Son, 2534 Marion Ave., 5 story, 83 x 125 ft. apartment, Walton Ave. $200,000.

N. Y., New York — HOTEL — Rosman Corp., G. Andrus, pres., 558 West 125th St., having plans prepared by Murgatroyed & Ogden, 369 Lexington Ave., 16 story hotel, Gramacy Park and Irving Pl.

N. Y., New York — APARTMENT — Owner, c/o Glick & Dumas, engrs. and archts., 375 East Fordham Rd., having plans prepared brick, steel and stone, plain foundation, Shakespeare Ave. $350,000.

N. Y., New York — LOFT — Owner, c/o B. W. Levitan, engr. and archt., 100 East 42nd St., having plans prepared 10 story, brick, steel and stone, plain foundation, 127 West 125th St. $500,000.

N. Y., New York — OFFICE — Biddle Associates, Inc., R. M. Catts, pres., 280 Madison Ave., having plans prepared by Warren & Wetmore, engrs. and archts., 16 East 47th St., interior and exterior alterations to 9 story, 200 x 600 ft., brick, steel and stone, plain foundation. $1,000,000.

N. Y., New York — THEATRE and HOTEL — West 46th Street Corp., 285 Madison Ave., I. Zimmer, pres., having plans prepared by T. W. Lamb, engr. and archt., 644 8th Ave., 23 story, brick, steel and stone, plain found tion, 235 West 46th St. $2,500,000.

N. Y., New York — APARTMENT — M. Derfner, c/o Glick & Dumas, archts., 375 East Fordham Rd., having plans prepared brick, steel and stone, plain foundation, 175th St. and McCombs Rd. $300,000.

N. Y., New York—ARMORY—Armory Bd., Municipal Bldg., having plans prepared by W. B. Levitan, 100 East 42nd St., altering 2 story, brick, steel and stone addition, plain foundation, 166th St. $300,000.

N. Y., New York—HOTEL—Tenth Holding Corp., D. M. Knight, pres., 42 East 11th St., 21 story, 50 x 100 ft., brick, steel, and stone, plain foundation, 34 East 50th St., to Geekie-Naughton, Inc., 100 East 42nd St. Archts. est. $800,000. Noted Mar. 25.

N. J., Jersey City—APARTMENTS—A. Carell, 18 Journal Sq., soon takes bids brick, steel and stone, plain foundation, Sip Ave. $200,000. Flagg & Stades, 665 Newark Ave., engrs. and archts.

N. J., Jersey City — APARTMENT — Downtown Building Corp., 154 Montgomery St., having plans prepared by Van Wort & Wein, engrs. and archts., 347 Madison Ave., 5 story, brick, steel and stone, plain foundation, Wayne St. $200,000.

N. J., Newark—DEPARTMENT STORE—L. Bamberger & Co., Market and Halsey Sts., soon takes bids brick, steel and stone addition, plain foundation, Washington and Academy Sts. Jarvis, Hunt Co., Inc., 30 North Michigan Ave., Chicago, Ill., engrs. and archts.

N. J., Newark — OFFICE and LOFT — Griffith Piano Co., T. M. Griffith, 605 Broad St., soon takes bids, 12 story, brick, steel and stone, plain foundation, Broad St. $850,000. F. E. Jones, Federal Trust Bldg., engr. and archt. Noted May 27.

N. J., Trenton—THEATRE and APARTMENT—C. B. M. Realty Co., 614 West State St., plans theatre and apartment, Warren St. $1,000,000.

Pa., Phila.—GARAGE—I. T. Catherine, archt., Franklin Trust Bldg., soon lets contract 4 story and basement, 97 x 98 ft., rein.-con., brick and terra cotta, plain foundation, 924-29 Race St., for J. A. Brady, 136 South 4th St. $150,000.

Pa., Williamsport—Y.W.C.A., East 3rd St., H. W. Whitehead, pres., having plans prepared by Lawrie & Green, archts. and engrs., Cotterel-Ebner Bldg., Harrisburg, 4 story and basement, 100 x 210 ft., brick and steel, West 4th St. $500,000. Noted Jan. 28.

D. C., Wash.—HOTEL—E. L. Rothschild, archt., Bankers Trust Bldg., Phila., Pa., preparing plans 7 story and basement, 48 x 102 ft., rein.-con., brick and steel, plain foundation, here. Owner's name withheld.

Md., Baltimore—DEPARTMENT STORE—Hockschild, Kohn & Co., Lexington and Howard Sts., held up indefinitely construction 10 story and basement, 167 x 393 ft., brick and steel, sheet pile foundation, Franklin Centre, Howard and Tyson Sts. $2,000,000. Noted Apr. 8.

N. C., Charlotte — HOTEL — Citizens Hotel Co., having plans prepared by W. L. Stodart, 50 East 41st St., New York City, 175 room, brick and steel addition to Hotel Charlotte, Trade St. $175,000 or more.

Miss., Jackson — HOTEL — J. A. Teat having preliminary plans prepared by N. W. Overstreet, Overstreet Bldg., hotel, President St. $1,000,000.

Constr. News page 9

AMERICA NEEDS MORE GARAGES IN HER CITIES

5

Solid Facts

1. There is a compelling need for indoor motor parking in mid-city districts. Every new "No Parking" ordinance adds to present difficulties.

2. The owners and operators of office buildings, hotels, large retail stores, theaters, apartment houses and others are, logically, the ones who take the initiative in meeting this need. They profit directly.

3. The storage efficiency and operating economy of a multi-floor building with d'Humy Moto-ramps make such a garage at least as profitable an investment as any other type of structure—usually more so.

4. This fertile field for architectural Commissions needs only to have the architect plant the germ of the idea in proper quarters. Do it!

5. In working out the details you can utilize the free services of our Engineers as a short cut to finding the best car storage layout and most efficient interior arrangement. No obligation!

If you have not received our "Building Garages for Profitable Operation" ask us to send you a copy.

RAMP BUILDINGS CORPORATION

21 East 40th Street New York, N. Y.

GARAGE ENGINEERS

CONSULTANTS ON PROMOTION GARAGE OPERATING SYSTEMS

Buildings—Commercial (Continued)

Miss., Pascagoula — HOTEL — Shouds & Stoner, archts., G. & S. I, Bldg., Gulfport, made plans and soon takes bids 75 room and bath, rein.-con. hotel, here, for J. R. Watts, et al. $200,000. Noted Apr. 22.

La., New Orleans—OFFICE—Favrot & Livaudas, archts., Hibernia Bank Bldg., soon takes bids 8 story (ultimately 12 story), brick and stone, Baronne and Union Sts., for Public Service, Inc .

O., Dayton—STORE and OFFICE—Schenk & Williams, archts., Mutual Home Bldg., take bids about July 13, 2 story, 60 x 120 ft., rein.-con., brick and stone, 3rd and Main Sts., for Liggett Drug Co., 41 East 42nd St., New York City, N. Y. $175,000.

Ind., Anderson—APARTMENT—Tenth St. Realty Co., c/o E. F. Miller, archt., Anderson, having plans prepared 3 story, 120 x 172 ft., brick, steel and rein.-con., plain foundation, 10th St. and Delaware Ave. $280,000.

Ind., Anderson—BANK and OFFICE—Anderson Bank & Trust Co. having plans prepared by E. F. Miller, Anderson, 6 story, 150 x 150 ft., brick and steel, 10th and Meridian Sts. $500,000. Noted Feb. 18.

Ind., Evansville — HOSPITAL — Insane Hospital, having plans prepared by Fowler & Karges, Evansville, brick and steel hospital. $300,000.

Ind., Evansville — HOSPITAL — Walker Hospital, 712 U 4th St., having plans prepared by Fowler & Karges, Evansville, brick, steel and rein.-con. hospital. $150,000.

Mich., Detroit—OFFICE—S. J. Murphy Co., Penobscot Bldg., had plans prepared by Donaldson & Meier, Penobscot Bldg., 45 story and basement, 120 x 120 ft., rein.-con., brick, terra cotta and steel, caisson foundation, Fort and Griswold Sts.

Mich., Detroit—THEATRE—A. Cohen, 2615 Woodward Ave., having plans prepared by C. N. Agree, 1134 Book Bldg., and 3 story and basement, 3,500 seating capacity, rein.-con., brick and steel, plain foundation, Fort St. and Ferdinand Ave. $1,000,000.

Ill., Chicago — APARTMENT HOTEL — J. W. Barger, et al., 1144 Thorndale Ave., will not construct 12 story, 90 x 110 ft. hotel, Farwell and Wayne Aves. $1,200,000. Project abandoned. Noted Feb. 11.

Wis., Green Bay—HOSPITAL—Bellin Memorial Hospital, 742 South Webster St., plans brick and concrete addition, plain foundation. $200,000. Engineer and architect not selected.

Wis., Milwaukee — THEATRE — F. A. Schaetzke, 1385 Lake Dr., plans 100 x 150 ft., brick and concrete, plain foundation, Wells and 16th Sts. $600,000. Engineer and architect not selected.

Wis., Oshkosh—BANK and OFFICE—J. E Dreger, archt., 115 Main St., preparing plans remodeling 2 story, 52 x 125 ft., brick, concrete and art stone bank and office building. Owner's name withheld. $150,000.

Ia., Cedar Rapids—SHRINE—El Kahir Temple Shrine, c/o J. E. Blake, chn. building com., c/o Cedar Rapids & City Ry. Co., 212 South 2nd St., takes bids about Aug. 1, 2 story, 140 x 170 ft., concrete, brick, stone and terra cotta, 6th St. and Ave. E. $250,000. R. F. Moore, Grandby Bldg., archt. Noted May 27.

Ia., Des Moines — STORE — Globe Clothiers, Inc., 4th and Walnut Sts., soon takes bids 7 story and basement, 88 x 133 ft., rein.-con., brick and stone, 4th and Walnut Sts. Proudfoot, Rawson & Souers, 810 Hubbell Bldg., archts.

Kan., Wichita—APARTMENT—Schmidt, Foucher & Overend, archts., 4th Natl. Bank Bldg., soon lets contract 10 story and basement, U shaped, rein.-con., brick and stone, for Douglas Rutan Building Co., c/o archt.

Neb., Kearney — THEATRE and MASONIC TEMPLE—Masonic Temple Assn., c/o H. A. Webber, having plans prepared by J. T. Allen, 224 Bradeis Theatre Bldg., Omaha, 4 story and basement, 75 x 130 ft., brick, terra cotta and stone, 24th and Central Sts. $150,000. World Realty Co., 156 Douglas St., Omaha, lessee.

Mo., Clayton — APARTMENT — Hanley Rd. Realty Co., c/o B. M. Nevins, 821 Belt Ave., St. Louis, takes bids in November or December, 3 story and basement, 209 x 550 ft. apartment, incl. swimming pool, Hanley Rd. $1,000,000.

Mo., Kansas City—EXCHANGE—Southwestern Bell Telephone Co., Telephone Bldg., 11th and Oak Sts., having plans prepared 6 story, 96 x 126 ft., steel top addition, 11th and Oak Sts. To exceed $150,000. Engineer and architect not announced.

Mo., Kansas City — COURT HOUSE — Jackson Co., election Aug. 3, $3,000,000 bonds, 240 x 174 ft. court house, 11th and Locust Sts. Engineer and architect not selected. Noted May 6.

Mo., St. Joseph — THEATRE — J. H. Cooper, 390 Riverside Dr., New York City, N. Y., having revised plans prepared by Boller Bros., 110 West 10th St., Kansas City, 3 story and basement, 75 x 140 ft., rein.-con., steel and terra cotta, here. $250,000.

Mo., St. Louis—DEPARTMENT STORE—Famous & Barr Co., F. X. Salomon, mgr., making preliminary plans converting 9th, 10th, 11th and 12th floors of Railway Exchange Building into department store quarters. $1,500,000.

Mo., St. Louis — OFFICE — Missouri Pacific R.R. Co., E. A. Hadley, ch. engr., Ry. Exch. Bldg., having preliminary plans prepared 15 story and basement, rein.-con., brick, stone and steel office building. $1,000,000 upward.

Tex., Amarillo—HOTEL—C. T. Herring, plans 12 story and basement, 120 x 140 ft., brick, stone and rein.-con., 3rd and Pierce Sts. $1,000,000. Engineer and architect not selected.

Tex., Corpus Christi—OFFICE—W. C. Stephenson, archt., soon takes bids 5 story, 45 x 133 ft., brick, stone and rein.-con. top addition, Starr and Mesquite Sts., for C. Blanchette & L. Spoontz. $150,000.

Tex., Ft. Worth—AUDITORIUM—City, c/o City Manager, election soon $500,000 bonds, auditorium. Engineer and architect not selected.

Tex., Galveston—WAREHOUSE—Shipside Density Compress Co., having preliminary plans prepared 300,000 to 400,000 bale capacity cotton storage warehouse, 45th and 47th Sts. between E and J Aves. $1,000,000. Private plans.

Tex., Kerrville — COURT HOUSE and JAIL—Adams & Adams, archts., Gibbs Bldg., San Antonio, soon takes bids 2 story and basement, brick, rein.-con. court house and jail, here, for Kerr Co., c/o L. Wallace, judge. $150,000. Noted Dec. 17.

Tex., Palestine—HOSPITAL—Anderson Co., c/o H. I. Myers, chn. Chamber of Commerce, plans election $150,000 bonds, hospital. Engineer and architect not selected.

Tex., Mexia—CITY HALL and AUDITORIUM—City, c/o J. S. Smith, mayor, election July 27, $150,000 bonds, city hall and auditorium. Page Bros., Austin Natl. Bank Bldg., Austin, archts.

Okla., Tulsa—HOSPITAL—Plans election $150,000 bonds, new hospital. C. Schultz, city engr.

Wash., Centralia—HOTEL and STORE—C. G. Field, archt., Seaboard Bldg., Seattle, takes bids about Aug. 8, 6 story and basement, 90 x 120 ft., rein.-con. and steel, Pearl and Magnolia Sts., for Centralia Hotel Co. $240,000.

Calif., Culver City—CITY HALL, etc.—Plans election bonds to exceed $150,000, city hall, firehouse and jail.

Calif., Laguna Beach — HOTEL — C. B. Kolyer, archts., 1050 South Spring St., Los Angeles, making plans 3 story, 150 room, concrete and brick hotel. $150,000 or more. Owner's name withheld.

Calif., Los Angeles — STORE and OFFICE—Title Insurance & Trust Co., Title Insurance Bldg., plans 12 story and basement, steel and terra cotta, Spring St. near 4th St. $1,000,000 or more.

Calif., San Francisco—APARTMENTS—J. D. Hannah & Kohlwes, 602 California St., had plans prepared by E. E. Young, 2002 California St., three 3 story apartments, Eddy St. near Fillmore St. $50,000 each.

Calif., San Jose—COURTHOUSE—Santa Clara Co. having estimates made fireproof courthouse. To exceed $150,000. Binder & Curtis, 35 West San Carlos St., archt.

Calif., Santa Barbara—COURTHOUSE—Santa Barbara Co. voted $700,000 bonds, fireproof courthouse. Noted May 13.

Ont., Windsor—OFFICE—Detroit Syndicate having plans prepared by Watt & Blackwell, Bank Toronto Bldgs., London, 15 story, brick, stone and steel office building.

B. C., Vancouver—HOTEL—Canadian Pacific Ry., Windsor Sta., Montreal, Que., J. M. R. Fairbairn, ch. engr., had plans prepared by Warren & Wetmore, 16 East 47th St., New York City, rein.-con. addition, plain foundation, Howe and George Sts., here.

Bids Desired

Vt., Burlington—CITY HALL—July 7, by City, 3 story, 67 x 165 ft., brick, steel and granite, Main St. $425,000. McKim, Meade & White, 101 Park Ave., New York City, archts. Noted Apr. 15.

Mass., Arlington (br. Boston)—APARTMENT—See "Contracts Awarded."

Mass., Boston — HOTEL — Metropolitan Realty Co., 280 Madison Ave., New York City, taking bids 12 story and basement, irregular shaped, rein.-con. and brick, Commonwealth Ave. near Cottage Farm Bridge. To exceed $150,000. Crane & Francheim, 345 Madison Ave., New York City, archts. Noted Mar. 18.

Mass., Cambridge (Boston P. O.) — STOREHOUSE—July 8, by Monks & Johnson, engrs., 99 Chauncy St., Boston, 1 and 2 story, 120 x 200 ft., and 190 x 200 ft., brick, Erie St., for Stimpson Terminal Co., 10 Temple St. $200,000.

Mass., Fall River—STORE and OFFICE—M. T. Hudner, 180 Main St., taking bids 3 story and basement, brick and stone, Borden and Main Sts. $200,000. E. J. Marvel, 209 Bedford St., archt.

N. Y., New York — APARTMENT — See "Contracts Awarded."

N. J., Camden — ADMINISTRATION—July 14, by Delaware River Bridge Joint Comn., Widener Bldg., Phila., Pa., constructing administration building between 6th and Fulton Sts., here, Contr. 31-A to D. G. Pinchot, chn. adv. E. N.-R. July 1.

N. J., Linden—CITY HALL—July 7, by City Council, City Hall, Wood Ave., 3 story, fireproof, Wood Ave. and Blancke St. H. B. Brady, 333 North Broad St., Elizabeth, archt.

W. Va., Grantsville—BANK—July 8, by Calhoun Co. Bank, 4 story, 30 x 70 ft., native stone bank. V. C. Pettit, 703 Kan Natl. Bank Bldg., Charleston, archt.

N. C., Raleigh—ASYLUM—July 14, by A. Anderson, supt. State Hospital, rebuilding portion main building, recently destroyed by fire, Dix Hill. $400,000. C. C. Hook, Charlotte, archt. Wiley & Wilson, Lynchburg, Va., consult. engrs. Noted May 6.

Ind., Richmond—HOSPITAL—July 15, by Bd. Trustees Reid Memorial Hospital, 3 story, 100 x 120 ft., brick, steel, rein.-con. and plain foundation. $225,000. E. Folger, Lafayette, archt. Noted Jan. 23.

Mich., Detroit — APARTMENT — Wiedmaier & Gay, archts., 51 Campau Bldg., taking bids and open same about July 1, 4 story and basement, 120 x 157 ft., brick and steel, plain foundation, Strathmore Ave., for A. Silverberg, c/o architects. $200,000.

Mich., Detroit—THEATRE, STORE and OFFICE—C. H. Crane, archt., 542 Griswold St., taking bids 2 story and part basement, concrete, brick and steel, plain foundation, Maplewood and Grand River Aves., for J. Wetsman, 1020 Detroit Savings Bank Bldg. $200,000.

Ill., Chicago — HOTEL — Levy & Klein, archts., 111 West Washington St. and A. Epstein, engrs. 2001 West Pershing Rd., taking bids and open same about July 5, 12 story and basement, 66 x 110 ft., rein.-con. and brick, Huron and North Clark Sts., for Huron Building Corp., c/o archts. $1,000,000.

Ill., Chicago—APARTMENT—Lowenberg & Lowenberg, archts., 111 West Monroe St., taking bids 12 story and basement, 140 x 148 x 196 ft., rein.-con., brick, steel and terra cotta, Sheridan Rd. and Surf St., for Park Lane Building Corp., c/o architects. $3,000,000. Noted May 27.

Ill., Chicago — OFFICE — June 28, by Clapp, Riley & Hall Equipment Co., 14 North Clinton St., 6 story and basement, 50 x 150 ft., rein.-con., 20-24 North Clinton St. $200,000. H. N. Simpson, 14 North Clinton St., archt.

Ill., Springfield—BANK and OFFICE—July 8, by Ridgely-Farmers State Bank, 5th and Monroe Sts., 7 or 13 story, 63 x 97 ft., granite, steel and limestone, 5th and Monroe Sts. Weary & Alford Co., 1923 Calumet Ave., Chicago, archts. Noted Apr. 22.

Minn., Duluth—HOTEL—July 6, by A. Holstead, 410 Palladio Bldg., 7 story and basement, 140 x 174 ft., rein.-con., brick, stone and tile, plain foundation, Superior St. at 9th Ave., for Hampton Court Apartment Hotel, $1,100,000. Holstead & Sullivan, 410 Palladio Bldg., engrs. and archts.

Mo., St. Louis — APARTMENT — See "Contracts Awarded."

Tex., Amarillo—APARTMENT—M. C. Parker and R. Bynum, archts., Amarillo, taking bids 4 story, 75 x 140 ft., brick, rein.-con., 16th and Jackson Sts., for B. Fisher & Son, c/o Palo Duro Hotel. $150,000.

Tex., Kerrville — COURT HOUSE and JAIL—July 12, by Adams & Adams, archts., Gibbs Bldg., San Antonio, 2 story and basement, brick and rein.-con. court house and jail, here, for Kerr Co. $150,000.

Tex., San Antonio — HOTEL — Clarence Garrett Investment Co., c/o Maverick Bldg., taking bids and open same about July 1, 13 story 100 x 100 ft., brick and tile, plain foundation, Ave. E. and 4th Sts. $800,000. R. H. Cameron, City Natl. Bank Bldg., San Antonio, archt. W. E. Simpson co., c/o Natl. Bank Commerce Bldg., engrs. Noted May 20.

Okla., Ada—COURT HOUSE—July 12, by W. A. Peck, clerk Pontotoc Co., 3 story and basement, 68 x 104 ft., rein.-con. and brick,

Constr. News page 9a

Buildings—Commercial (Continued)

plain foundation, Main St. $150,000. Butler Co., Herskowitz Bldg., Oklahoma City, archt. Noted Feb. 25.

Okla., Poteau—COURT HOUSE—July 6, by J. E. Davis, clk. LeFlore Co., 3 story and basement, 73 x 100 ft., rein.-con. and brick, plain foundation, 2nd St. $150,000. T. E. Bassham, 212 Kennedy Bldg., Ft. Smith, archt. Noted Mar. 11.

Calif., Santa Barbara — HOSPITAL — A. R. Hutchison, archt., Van Nuys Bldg., Los Angeles, taking bids 4 story, 90 x 265 ft., steel and rein.-con. hospital, here, for St. Francis Hospital, East Arrellage Ave. $200,000.

Bids Received

Wis., Madison—HOSPITAL—Methodist Hospital Assn., c/o W. G. Kirchoffer, chn., Dean Bldg., June 15, 6 story and basement, 48 x 176 ft., rein.-con., brick and steel, plain foundation, here, from J. H. Findorff & Co., 601 West Wilson St., $289,889. Noted June 10.

Wis., Sheboygan — LODGE — Sheboygan Aerie 277, F. O. E., W. G. Keil, pres., 2037 North 8th St., 3 story and basement, 140 x 150 ft., rein.-con., brick and steel, plain foundation, from Guenther & Meier, 1202 North 16th St., $183,291. Noted June 10.

Calif., San Luis Obispo—HOSPITAL—J. G. Driscoll, clk. San Luis Obispo Co., general contract 2 story, Class "A" construction, from A. L. Vezina, 532 16th St., San Francisco, $111,500. Noted May 27.

Contracts Awarded

N. H., Rochester—SALES, SERVICE and COMMUNITY—Rochester Realty Co., 1 and 2 story and basement, 100 x 115 ft., brick, to S. Belanger, 308 Main St., Nashua. Archts. est. $150,000. Noted Apr. 23.

Mass., Arlington (br. Boston)—APARTMENT—Gregory Courts Apartments, c/o C. F. Springall, archt., 50 Concord Ave., Malden, will build 3 story and basement, brick and stone, Massachusetts Ave. $150,000. Work will be done by separate contracts.

Mass., Boston—POST OFFICE—South Bay Realty Co., Inc., c/o S. Eliot, 132 State St., 4 story and basement, 85 x 155 ft., brick and limestone, Stuart St., Back Bay Sect., to Foster Eng. Co., Indiana Pythian Bldg., Indianapolis, Ind. Archts. est. to exceed $150,000.

Mass., Boston — HOTEL—J. R. Whipple Corp., Federal St., New Parker House Hotel, 15 story and basement, 90 x 170 ft., and 42 x 100 ft., brick, limestone, marble and steel, Tremont and School Sts., to G. A. Fuller Co., 11 Beacon St., Boston. Archts. est. $3,000,000. Noted Apr. 1.

Mass., Bourne—SANATORIUM—County of Barnstable Sanatorium, 2 story and basement childrens building, superintendent's cottage and ward building addition, brick, to W. E. MacEachern, 138 Herbert Ave., Arlington. Archts. est. to exceed $150,000.

Conn., Hartford—THEATRE—M. D. and S. E. Harris, Paterson, N. J., 156 ft. frontage theatre, terra cotta and steel, Village St., here to State Amusement Co., Village St., about $225,000.

Conn., Hartford—STORE and LOFT—F. A. Pallotti, 1029 Main St., 7 story and basement, 68 x 107 ft., brick, Ann and Asylum Sts., to G. Cudemo & S. N. E. Constr. Co., Inc., 68 Temple Pl. Archts. est. to exceed $150,000.

Conn., New Haven—THEATRE—Associated Theatres, c/o J. Weinstein, Metropolitan Building, Chapel St., 2 story, 55 x 162 ft., brick and steel, Norton St., to S. Ruderman, 32 Arthur Ct. Archts. est. $150,000.

N. Y., Albany — HOTEL — Metropolitan Realty, Inc., 17 East 42nd St., New York City, will build brick, steel and stone, plain foundation, State and Lodge Sts., here. $4,000,000. Work will be done by separate contracts under supervision E. H. Keeler, dir. in charge of construction. Noted Mar. 11.

N. Y., New York — APARTMENT — Amalgamated Clothing Workers of America, 1 Union Sq., will build 5 story and basement, brick, steel and stone, plain foundation, Dickinson St., Vancourtland and Saxon Aves. $1,500,000. Work will be done by separate contracts under supervision J. Brodsky.

N. Y., New York—LOFT—Trinity Church Corp., 187 Fulton St., 12 story, brick, steel and stone, plain foundation, West Houston St., to White Constr. Co., 95 Madison Ave. Archts. est. $1,000,000.

N. J., Jersey City—Y. W. C. A., 43 Belmont Ave., 7 story, brick, steel and stone, plain foundation, Fairmont Ave., to Deakman-Wells Co., 921 Bergen Ave. Archts. est. $800,000. Noted Jan. 22, 1925.

Pa., Phila. — ASYLUM — St. Magdalen Asylum, Penn and Chew Sts., House of Good Shepard, 3 story and basement, 40 x 100 ft., rein.-con., brick, steel and stone, Penn and Chew Sts., to F. Schuler, Norristown. Archts. est. $150,000. Noted May 6.

Pa., Wilmerding—STORE, APARTMENT and OFFICE—Westinghouse Airbrake Co., general contract 4 story and basement, 44 x 115 ft. office addition, and 4 story and basement, 75 x 100 ft. store and apartment, brick and steel, to F. Hoffman Co., Wilkinsburg. Archts. est. $150,000 each.

N. C., Charlotte — COURT HOUSE — R. N. Hood, chn. Mecklenburg Co., 4 story and basement, brick, stone and steel, East Ave., to J. J. McDevitt Co., Charlotte, $689,000. Noted June 3.

Tenn., Nashville—GARAGE—O. F. Noel Estate, 53 Noel Blk., 10 story, 100 x 175 ft., concrete, brick and steel storage garage, 3rd and Church Sts., to H. P. Jacobs Contg. Co., Independent Life Bldg., $218,000. Noted Mar. 4.

O., Cleveland—COMMERCIAL and THEATRE—Virginia Theatre Building Co., c/o Morris & Weinberg, archts., 3608 Euclid Ave., 1 and 2 story, 128 x 150 ft., brick, steel and concrete, 892 East 152nd St., to Boldt Constr. Co., 196 East 70th St. Archts. est. $150,000.

O., Columbus—THEATRES—James Theatre Enterprises, 39 West Broad St., 2 story, 113 x 150 ft., East Main St., to L. L. Leveque Co., 1378 Parkway Dr., approximately $140,000; also 2 story and basement, 72 x 180 ft., North High St., in Clintonville, to D. W. McGrath & Son, 255 East Broad St., $150,000, both rein.-con., brick, terra cotta and steel. Noted Jan. 14 and Mar. 4.

O., Shaker Heights (Cleveland P. O.)—COMMERCIAL — V. Painter, Fairmount Blvd., Cleveland Heights, 1 story and basement, 60 x 275 ft., brick and steel, Center and South Woodland Rds., here, to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland. Archts. est. $150,000.

Ind., Gary—THEATRE—N. Bikos, 1238 Bway., contract for sub-structure, brick theatre, to G. Chappas, Gary. Archts. est. $150,000.

Ind., South Bend — HOTEL — Southern Hotel Co., general contract 3 story and basement bachelor apartment hotel, to J. Nelson, 431 Cottage Grove Ave. Archts. est. $250,000.

Mich., East Lansing—CHEMICAL—H. H. Halladay, secy. State Bd. Agriculture, 3 story and basement, rein.-con., brick and steel, plain foundation, at Michigan State College, to F. Triel, Saginaw. Archts. est. $300,000. Noted May 20.

Mich., Royal Oak — OFFICE and EXCHANGE—Michigan Bell Telephone Co., Cass Ave., Detroit, 2 story and basement, 100 x 100 ft., rein.-con., brick and steel, plain foundation, here, to N. A. Starr, 112 Howarth Bldg. Archts. est. $200,000. Noted April 29.

Ill., Chicago — APARTMENT — E. J. Meles, archt., 105 West Monroe St., masonry and carpentry contract 9 story and basement, 100 x 100 ft., rein.-con., brick and terra cotta, Clarendon Ave. and Gordon Terrace, to J. A. Linstrum, 1107 Addison St.; plumbing, to G. A. Nilson, 155 North Clark St.; and heating, to Ideal Heating Co., 6316 Wentworth Ave. Owner's name withheld. Noted May 27.

Wis., Eau Claire—HOSPITAL—Foeller, Schober & Stephen, archts., Nicolett Bldg., Green Bay, general contract 3 story and basement, 42 x 130 ft., brick and concrete addition, plain foundation, here, to Schafer & Olson, 301 Bay St., Chippewa Falls, for Sacred Heart Hospital, North Dewey St. $81,450. Noted June 3.

Wis., Janesville—AUDITORIUM—H. F. Jones, 107 North Franklin St., 1 story and basement, 42 x 42 ft., and 92 x 100 ft., rein.-con., brick and steel, plain foundation, here, to J. P. Culler & Sons, 109 South Main St. Archts. est. $150,000.

Wis., Milwaukee — APARTMENT and BUSINESS — Chain Investment Co., c/o Rosman & Wierdsma, archts., 490 Bway., 8 story and basement, 100 x 107 ft., brick and concrete, plain foundation, Grand Ave., to Reisinger & Co., 464 Oakland Ave. Archts. est. $600,000.

Wis., Oshkosh — THEATRE and BUSINESS — New Company being organized, c/o W. Schroeder, 86 Michigan St., Milwaukee, 2 story and basement, brick, concrete and terra cotta, plain foundation, Main St. to Foltz & Co., 510 North Dearborn St., Chicago, Ill. Archts. est. $300,000. Noted June 10.

Mo., Kansas City—HOTEL—Knickerbocker Hotel Co., c/o A. R. Young, 361 Bway., 8 story and basement, 108 x 180 ft., rein.-con., plain foundation, Bway. and Valentine Rd., to Manhattan Constr. Co., 615 Pioneer Trust Bldg. Noted June 10.

Mo., St. Louis—APARTMENT HOTEL—S. Fischman et al, 6923 Gravois Ave., will build 6 story and basement, 54 x 85 ft., rein.-con., brick and stone, 848-906 North Kingshighway. $150,000. Work will be done by separate contracts.

Mo., St. Louis—Missouri Realty & Constr. Co., 6117 Page Ave., will build 4 story and basement, 60 x 180 ft., rein.-con., brick and terra cotta, West Pine St., with own forces. $400,000.

Wash., Centralia—HOTEL—J. M. Stout and associates, Seaboard Bldg., Seattle, 5 story and basement, brick and concrete hotel, here, to C. A. Johnson, 425 West 45th St., Seattle. Archts. est. $300,000.

Ore., Portland — BANK — Northwestern Natl. Bank Bldg., 6th and Morrison Sts., E. Olmstead, pres., remodeling bank, 6th and Morrison Sts., to A. Gutherie & Co., Sherlock Bldg., $175,000. Noted Mar. 4.

Calif., Brentwood — CLUB — Brentwood Country Club, general contract 1 and 2 story, hollow wall rein.-con. clubhouse, to Sumner-Sollitt Co., Delta Bldg., Los Angeles, $115,750. Noted June 24.

Calif., Long Beach—CLUB and HOTEL—Consolidated Properties Co., G. Cowan, pres., 14 story and basement, steel and rein.-con., Ocean Blvd., to Bard & Co., Pacific Natl. Bank Bldg., Los Angeles, approximately $1,250,000.

Calif., Los Angeles — APARTMENT — L. A. Smith, archt., Film Exch. Bldg., 4 story 88 x 132 ft., brick, 3706 West 4th St., to Cooper & Farber, Chapman Bldg., for J. Mindon. $200,000. Noted June 10.

Calif., Los Angeles—LOFT—Lloyd & Casler, Inc., 315 East 8th St., will build 13 story and basement, 55 x 125 ft. rein.-con., 8th and Santee Sts., by day labor. $500,000. W. D. Lee, 709 Textile Center Bldg., archts.

Calif., Santa Monica — CLUB — Santa Monica Elks Lodge, 5 story and basement, 81 x 200 ft., brick and rein.-con., Main St. and Pier Ave., to W. G. Reed, 1914 South Vermont Ave., Los Angeles, $242,700. Noted June 24.

B. C., Vancouver — HOTEL — Georgia Hotel Ltd., 510 Hastings St., 12 story and 2 basements, 150 x 120 ft., rein.-con., plain foundation, Georgia and Howe Sts., to Dredging Contractors Ltd., 510 Hastings St. W., $1,500,000.

Buildings—Industrial

Proposed Work

Mass., Malden (Boston P. O.)—GARAGE and REPAIR SHOP—Malden Electric Co., 139 Pleasant Ave., soon awards contract, 3 story, 122 x 185 ft., rein.-con., Center St. $150,000. C. H. Tenney & Co., 200 Devonshire St., archts. and engrs.

Mass., Medford—REPAIR GARAGE and SHOWROOM—Medford Center Garage, H. Risman, proprietor, plans 2 story, 14,000 sq.ft. floor space, brick addition, Salem St. $80,000. Engineer and architect not selected.

N. Y., New York—BAKERY—New York Pie Baking Co., 82 Sullivan St., soon takes bids 3 story, rein.-con., brick and stone, plain foundation, Whitlock Ave. $250,000. C. B. Comstock, 110 West 40th St., engr. and archt. Noted June 10.

N. Y., New York — GARAGE — Two Hundred Fifty West 25th St. Corp., N. B. Singer, pres., 233 West 42nd St., having plans prepared by Jardine, Hill & Murdock, engrs. and archts., 347 Madison Ave., 5 story, brick, steel and stone, plain foundation, 250 West 25th St. $75,000.

Md., Baltimore — BAKING PLANT — Ward Baking Co., Southern Blvd., New York City, N. Y., plans 5 story, rein.-con., brick and steel, plain foundation, along Pennsylvania R.R. tracks, north of Edmondson Ave., here. $1,000,000. Private plans.

Va., Pulaski—STEEL CAR SHOP—R. E. Baker, et al, 2558 Derbyshire Rd., Cleveland, O., purchased 3.5 acre site and soon takes bids (1st unit) 107 x 150 ft., concrete and steel fabrication shop, here. Total $150,000.

Va., Suffolk—SAW MILL—G. A. Montgomery, pres. Montgomery Bros. Lumber Co., 254 Court St., Buffalo, N. Y., plans rebuilding mill, recently destroyed by fire, here. $100,000 damages.

Constr. News page 10

Buildings—Industrial (Continued)

Ala., Birmingham—STOREROOM, etc.—Birmingham Electric Co., J. S. Pevear, pres., Ridgely Apts., having plans prepared by Warren, Knight & Davis, Empire Bldg., 2 story and basement, 120 x 150 ft., rein.-con., brick and steel, 6th Ave. and 12th St. To exceed $300,000.

La., Ruston — LIGHT PLANT, etc. — Voted $100,000 bonds, improving light plant, extending water mains and light lines, also $35,000 bonds, extending sewerage system, and $15,000 bonds, fire station.

Tenn., Johnson City—BRICK PLANT—Johnson City Shale Brick Co. plans rebuilding plant, recently destroyed by fire. $200,000.

O., Ashland—GARAGE—Dept. Highways & Pub. Wks., Columbus, G. F. Schlesinger, dir., having sketches made by H. B. Briggs, Ohio-Hartman Bldg., Columbus, 1 story, 80 x 120 ft., brick and rein.-con. garage, here. $50,000.

O., Columbus — GARAGE — Dept. Highways & Pub. Wks., G. F. Schlesinger, dir., having plans prepared by H. B. Briggs, Ohio-Hartman Bldg., 2 story and basement, 80 x 200 ft., brick, steel and concrete, State Fair Grounds. $100,000. Noted June 10.

O., Dayton — FACTORY — Thompson Printing Co., 226 West 5th St., plans 2 story and basement, 100 x 156 ft., brick and concrete 2nd and Sears Sts. $100,000.

O., East Liverpool — SUB-STATION — Ohio Power Co. soon takes bids 32 x 45 ft. sub-station with 2,000 kw. emergency transformer, etc.

O., New Philadelphia—GARAGE—Dept. Highways & Pub. Wks., Columbus, G. F. Schlesinger, dir., having sketches made by H. B. Briggs, Ohio Hartman Bldg., Columbus, 1 story, 80 x 120 ft., brick and rein.-con., here. $50,000.

O., Sidney—GARAGE—Dept. Highways & Pub. Wks., Columbus, G. F. Schlesinger, dir., having sketches made by H. B. Briggs, Ohio-Hartman Bldg., Columbus, 1 story, approximately 80 x 120 ft., brick and rein.-con. garage, here. $50,000.

Ind., Anderson—FACTORY—Remy Electric Div. General Motors Corp., Columbus Ave. and Belt R.R. tracks, plans 1 story, 200 x 500 ft., brick and steel Noble St. and Belt R.R. tracks. $180,000.

Mich., Flat Rock—BOILER HOUSE—Ford Motor Co., Highland Park, B. R. Brown Constr. Dept., had plans prepared by A. Kahn, 1000 Marquette Bldg., Detroit, 2 story and basement, 34 x 65 ft., rein.-con., brick and steel addition, plain foundation.

Ill., Niles Center—REPAIR SHOPS—Chicago Rapid Transit Co., 72 West Adams St., having preliminary plans prepared by A. Gerber, 72 West Adams St., 1 story and mezzanine, 200 x 225 ft., rein.-con., brick and steel repair shops. $350,000.

Wis., Ashland—MILL, etc.—Cubine Co., W. Cubine, pres., plans rein.-con., brick and steel mill, incl. twelve 20 x 105 ft. dry kilns and power plant, plain foundation, here. Engineer and architect not selected.

Wis., Beloit — SERVICE and BULK STORAGE—Standard Oil Co., 414 Sycamore St., Milwaukee, having plans prepared by Schlinz & Bailey, 53 West Jackson Blvd., Chicago, Ill., 1 and 2 story, 90 x 275 ft., brick and concrete, plain foundation, Copeland St. $65,000.

Wis., Chippewa Falls—DAIRY PLANT—Clover Leaf Creamery Co., 417 Bridge St., plans brick and rein.-con. creamery, plain foundation, Bay St. $40,000. Engineer and architect not selected.

Wis., Milwaukee—PRINTING PLANT—Meyer-Rotier-Tate Co., 133 2nd St., having preliminary plans prepared by Rosman & Wierdsma, 490 Bway., 6 or 8 story, brick and concrete, plain foundation.

Wis., Racine — FOUNDRY — Standard Fdry. Co., 1600 Kewaunee St., having plans prepared by A. A. Wickland, engr. and archt., 5 South Wabash Ave., Chicago, Ill., 1 story, 112 x 240 ft., brick and steel, plain foundation. $150,000.

Wis., Sheboygan — FACTORY — Inland Furniture Co., T. Sickman, mgr. 111 Kentucky Ave., mgr., having plans prepared by W. C. Weeks, 720 Ontario Ave., rebuilding 3 story, 64 x 168 ft., rein.-con. and timber, plain foundation, recently destroyed by fire. $50,000. Noted May 6.

Ia., Des Moines — FACTORY — Rollins Hosiery Mills, 28th and Dean Sts., soon takes bids 1 story, 66 x 220 ft., rein.-con. and brick mills. $60,000. Lockwood, Greene & Co., Wrigley Bldg., Chicago, Ill., archts. Noted Oct. 22.

Kan., Topeka—FACTORY—Capital Iron Wks., 7th and Holliday Sts., preparing plans new rein.-con. and steel factory, incl. machine shops, etc. $150,000. Private plans.

Mo., St. Louis — ASBESTOS SHINGLE and SHEATHING PLANT — Asbestos Shingle, Slate & Sheathing Co., Ambler, purchased 20 acre site and having plans prepared for concrete plant Burlington St. east of Bellefontaine Rd. Private plans.

Tex., Donna — CANNING and REFRIGERATING PLANT—Val Verde Mercantile Corp., c/o H. P. Hansen, pres., making preliminary plans, etc., brick, tile and rein.-con. canning and refrigerating plant. $500,000. Private plans.

Tex., George West—COTTON GIN—J. S. Hall & Sons, Beeville, plans 1 story, 8 stand, 80 saw capacity, rein.-con., brick and tile, plain foundation. $75,000. Private plans.

Tex., Greenville — ICE PLANT — N. Burnett making preliminary plans 1 story, rein.-con., brick, steel and stone, plain foundation. $45,000. Private plans.

Okla., Eldora—COTTON GIN—Lee Berry Gin Co. plans 1 story, 20 x 80 ft. and 24 x 40 ft., 5 stand, 80 saw cotton gin, concrete. $50,000.

Calif., Fresno—PLANT—Interests represented by W. F. Toomey, 965 Bway., plans (1st unit), 50 x 100 ft., probably brick textile plant. To exceed $150,000.

Calif., Marysville — PLANT — Northern California Canning Peach Growers Assn. (J. M. Cremin, 800 G St., interested), plans canning plant. To exceed $150,000.

Ont., Fort William—PULP MILL—Fort William Paper Co., plans 75 ton sulphite pulp mill, concrete, brick and steel. $2,000,000.

Bids Desired

Mass., Boston—PLANT—Goodyear Tire & Rubber Co. 61 Brookline Ave., taking bids 1 story and basement, 67 x 150 ft. rein.-con. and steel addition. To exceed $40,000. Densmore, LeClear & Robbins, Park Sq. Bldg., archts.

Mass., Cambridge (br. Boston)—SALESROOM and REPAIR SHOP—Washington Auto Trust, D. M. Robb, 1800 Massachusetts Ave., taking bids 1 story and basement, brick and stone, 1771 Massachusetts Ave. $40,000. J. A. Quirk, 10 Tremont St., Boston, archt.

Mass., Gardner — FACTORY — E. W. Pierce, Travers St., taking bids 2 and 3 story, 45 x 105 ft., brick, 21 Travers St. $75,000. Private plans.

Mass., Malden (br. Boston) — REPAIR and GARAGE — Malden Electric Co., 200 Devonshire St., Boston, taking bids 2 story, 60 x 135 ft., brick and steel, 47 Canton St. $75,000. C. H. Tenney, 200 Devonshire St., Boston, archts.

Mass., Springfield — MANUFACTURING—Country Club Soda Co., 42 Emery St., taking bids 2 story, brick addition. $40,000. J. W. Foster, 105 Bridge St., archt.

R. I., East Greenwich — MILL — East Greenwich Mills, Division St., taking new bids 2 story, brick, Division St. To exceed $40,000. C. T. Main, 200 Devonshire St., archt. Former bids rejected. Noted Apr. 1.

N. Y., New York—GARAGE—July 7, by Bd. Trustees Bellevue and Allied Hospitals, J. J. McGrath, pres., 415 East 26th St., garage, etc., at Bellevue Hospital, 26th St. and 1st Ave.

N. Y., Poughkeepsie—SHOP, etc.—July 8, by A. W. Brandt, comr. Highways, Dept. Pub. Wks., Albany, 2 story, 68 x 188 ft., brick, rein.-con. and steel shop and loft building, near here.

Ind., Indianapolis—FACTORY—Building Corp., I. M. Holmes, pres., Amer. Central Life Bldg., taking bids 3 story and basement, 58 x 125 ft., brick and rein.-con., North Meridian St., near Pratt St. $100,000. R. N. Edwards, 71st St. near Pennsylvania Ave., archt. Quick Tire Serv. Co., 548 North Meridian St., 1st floor lessee, and Helbing Art Decoration Studios, 2nd floor lessee.

Ind., Indianapolis—FACTORY—Central States Envelope Co., East Washington St. and Sherman Dr., taking bids 2 story, 80 x 150 ft., brick and steel factory. $43,000. Harrison & Turnock, 500 Bd. Trade Bldg., archts.

Ind., Indianapolis—FACTORY—Indianapolis Tire & Battery Co., 710-14 North Meridian St., taking bids brick tire service and manufacturing shop. S. Craig & Co., 31 West Ohio St., archt.

Ind., Indianapolis—FACTORY—Standard Nut Margerine Co., Roosevelt and Lewis Sts., taking bids 2 story and basement, 50 x 80 ft., brick, concrete and steel factory. $50,000. R. N. Edwards Co., 71st St. near Pennsylvania Ave., archt. Noted Feb. 11.

Mich., Detroit — FACTORY — C. W. Brandt, archt., 1114 Kresge Bldg., taking bids 5 story and part basement, 300 x 340 ft., rein.-con., and brick, plain foundation. $500,000. Owner's name withheld. Noted June 10.

Ill., Chicago — FACTORY — July 8, by Condron & Post, engrs., 53 West Jackson St., 2 story, 140 x 160 ft., rein.-con. and brick addition, 1151 Roscoe St., for Amer. Colortype Co. $175,000.

Wis., Sheboygan—FACTORY—E. A. Juul, archt., Security Natl. Bank Bldg., taking bids 2 story, 46 x 120 ft., rein.-con., brick and steel, plain foundation, here, for Sheboygan Dairy Products Co., 936 North Water St. $40,000.

Contracts Awarded

Me., Penobscot—SODA PULP MILL—Penobscot Chemical Fibre Co., Great Works, reconstructing 56 x 186 ft. soda pulp mill, to M. C. Tuttle Co., 862 Park Sq. Bldg., Boston, Mass.

Conn., Stamford—PUBLISHING PLANT—Conde Nast Co., Sound Beach, 2 story and basement, 150 x 150 ft., rein.-con. publishing plant, to P. J. Pardy Constr. Co. 1481 Seaview Ave., Bridgeport. Archts. est. $100,000-$125,000.

N. Y., New York—PLANT—Clyde Iron Wks. & Sales Co., Locust Ave. and 136th St., 1 story, 76 x 128 ft. plant, to Harte Constr. Co., 33 West 42nd St. Engrs. est. $65,000.

N. Y., New York—PRINTING and PUBLISHING—New York American & Evening Journal, 238 William St., 6 story and tower, rein.-con., Water St., to Turner Constr. Co., 242 Madison Ave. Archts. est. $1,000,000. Noted Jan. 28.

N. J., Newark—PLANT—L. J. Wing Mfg. Co., Victoria St., rein.-con., brick and steel, plain foundation, Frelinghuysen Ave., to Sutherland-Allen, Inc., 319 Mt. Pleasant Ave. Engrs. est. $50,000. Noted June 3.

Pa., Phila.—METAL WORKS PLANT—S. Yellm, 5520 Arch St., 2 story and basement, 49 x 96 ft., brick and steel addition, plain foundation, to Haverstick & Berthwick, Schaff Bldg.

Pa., Vanport — BRICK PLANT — Gloninger Brick Co., Arrow Bldg., Pittsburgh, general contract rebuilding 1 story, brick, steel and concrete plant, here, to Pittsburgh Bridge & Iron Wks., Bessemer Bldg., Pittsburgh. $75,000. Noted June 3.

W. Va., Parkersburg — POWER and BOILER PLANT — Viscose Co., Marcus Hook, Pa., 108 x 140 ft., rein.-con., brick and steel, plain foundation, on Kanawha River, Wood Co., near here, to J. P. Pettyjohn, Lynchburg.

N. C., Burlington — FURNITURE FACTORY — Southern Furniture Co., 100 x 272 ft., brick, to Sharpe & Bryan, Burlington, $250,000. Noted June 3.

Tenn., Nashville — LAUNDRY — Troy Laundry Co., 5th Ave. N., brick and concrete, 17th and State Sts., to J. B. Regen & Co., 117 5th Ave. N. $40,000,

Tenn., Nashville—FACTORY and WAREHOUSE—T. Henry & Sons, Inc., Trenton Ave. and Tioga St., Phila., Pa., 120 x 500 ft. factory, and 100 x 200 ft. warehouse, concrete, brick and steel, 63rd St. and Centennial Blvd., here, to A. K. Adams Constr. Co., 247 Clifton Rd., Atlanta, Ga. Archts. est. $250,000.

O., Cleveland—FACTORY—State Chemical Mfg. Co., J. H. Zucker, pres., 2160 East 2nd St., 2 story and basement, 55 x 140 ft., brick and steel, Superior Ave., to Dresser Co., The Arcade. Archts. est. $50,000.

O., Cleveland — FACTORY — Columbian Vise & Mfg. Co., c/o Columbian Hardware Co., H. J. Seymour, pres., 5113 Hamilton Ave., 1 and 2 story, 75 x 160 ft., brick and steel, 9021 Bessemer Ave., to J. L. Hunting Constr. Co., Guarantee Title Bldg. Archts. est. $75,000.

O., Cleveland — FACTORY — Domestic Electric Co., A. Duffer, pres., 7209 St. Clair Ave., 1 story, brick and steel addition, 7209 St. Clair Ave., to J. C. F. Shafer Co., Smythe Bldg. Archts. est. $40,000.

O., Cleveland—ANNEALING PLANT—W. S. Tyler Co., C. Zimmerman, treas., 3615 Superior Ave., 1 story, 43 x 59 ft., brick, steel and concrete addition, 1370 East 36th St., to S. W. Emerson Co., 1836 Euclid Ave. Archts. est. $40,000. Noted Mar. 4.

O., Columbus—SHOP—Bd. Educ., E. L. McCune, clk., 1 story, 65 x 150 ft., brick and stone shop for Central High School, West Broad St., to J. Nadalin, 38 6th St., $61,975.

Constr. News page 11

Buildings—Industrial (Continued)

O., Lakewood (br. Cleveland) — FACTORY — Baumgardner Mfg. Co., H. P. Baumgardner, vice-pres., 1384 Hird Ave., 1 and 2 story and basement, 50 x 100 ft., brick and steel, to N. J. Burnham, 14715 Clifton Blvd. Archts. est. $45,000.

O., Mansfield—FACTORY—Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa., 4 story and basement, brick, steel and concrete addition, to B. H. Prack, Martin Bldg., Pittsburgh, Pa. Engrs. est. $450,000.

O., Portsmouth—FACTORY—Portsmouth Auto Sheet, Metal Wks., Union St., H. Wells Elliott, mgr., 1 story, 25 x 87 ft., brick and concrete, Union St., to J. F. Warner, Portsmouth, about $50,000.

Ind., Indianapolis — STORAGE—Citizens Gas Co., Prospect St., 1 story, 67 x 90 ft. sulphate plant, to Hall Constr. Co., 405 Bd. of Trade Bldg. Archts. est. $67,000.

Ind., Michigan City — FACTORY — Cabranette Co. of Chicago, J. L. Wiener, vice-pres. and archt., 308 North Michigan Ave., Chicago, Ill., general contract 1 story, 90 x 500 ft., rein.-con., brick and steel, here, to P. H. Lorenz Co., Moline.

—Mich., Detroit — TUBE PLANT — Wolverine Tube Co., 1411 Central Ave., 2 story, 120 x 120 ft., tube and steel plant addition, rein.-con., brick and steel, plain foundation, and 2 story, rein.-con. shipping room and box plant, Central Ave., to E. L. Jones, Inc., 1901 Washington Blvd.

Mich., Pontiac—AUTOMOBILE PLANT—General Motors Corp., Oakland Motor Car Co., 1 story, brick, steel and stone, factory group, plain foundation, to Austin Co., 2201 1st Natl. Bank Bldg., Detroit. Engrs. est. $5,000,000. Noted June 24.

Ill., Chicago—PIE FACTORY—Littler-Davis Pie Co., 113 Ann St., general contract 2 story and basement factory, Gladys and Kenton Aves., to W. J. Scown Building Co., 36 West Randolph St. Archts. est. $300,000. Noted May 26.

Ill., Chicago — FACTORY — Marshall & Fox, archts., 431 North Michigan Ave., masonry and carpentry contract 6 story and basement, 66 x 196 ft., rein.-con. and brick addition, 21st St. and Union Ave., to Krahl Constr. Co., 350 North Clark St., for S. Karpen & Bros., 21st St. and Union Ave. Archts. est. $600,000. Noted Apr. 8.

Wis., Milwaukee — FACTORY — Atlas Metal Parts Co., 997 15th St., 1 story, 60 x 124 ft., brick and concrete, plain foundation, 31st St., to P. Hirt, 979 47th St. Archts. est. $40,000.

Wis., Milwaukee—SERVICE—Mack International Truck Co., 419 Prospect Ave., (1st unit), 1 story, 200 x 212 ft., brick and steel, plain foundation, Highway Pl., to Bentley Bros., 808 South Pierce St. Engrs. est. $100,000. Noted Mar. 11.

Wis., Owen—FACTORY—Master Package Corp., 2 story, 60 x 150 ft., rein.-con., brick and steel, plain foundation, here, to Weaver Constr. Co., Owen. Archts. est. $40,000.

Wis., Racine—FACTORY—Amer. Skein & Fdry. Co., 2300 Racine St., 1 story, 92 x 100 ft., brick and steel addition, plain foundation, to Nelson & Co., 408 Janes Blk. Archts. est. $50,000.

Wis., Racine — FOUNDRY — Belle City Malleable Iron Co., Kewaunee St., 2 story and basement, 62 x 130 ft., brick and steel addition, plain foundation, to Nelson & Co., 408 Janes Blk. Engrs. est. $45,000.

Wis., Sand Creek—PLANT—The Farmers Co., T. Nelson, mgr., 1 story, 60 x 100 ft. dairy plant, rein.-con., brick and steel, to A. J. Martin, Bloomer. Archts. est. $40,000.

Mo., Kansas City—CHEMICAL PLANT—J. Breckline, 63rd St. and High Dr., general contract 1 story and basement, 24 x 114 ft., rein.-con. and brick, 1605 Locust St., to C. E. Ennis, 1216 East Gillham Rd. Archts. est. $40,000.

Mo., St. Louis — PACKING PLANT — Gerst Bros. Packing Co., 3832 Lucky St., general contract 2 story and basement, 100 x 240 ft., rein.-con. and brick addition, here, to A. H. Haeseler Building & Contg. Co., Wainwright Bldg. Archts. est. $100,000. Noted Apr. 22.

Ark., Monticello—COTTON MILL—Monticello Cotton Mills Co., J. W. Williamson, pres., 1 story and basement, 138 x 162 ft., and 48 x 53 ft., brick addition, to Griffin-Hodges Co., Bona Allen Bldg., Atlanta, Ga. Archts. est. $50,000.

Tex., Galveston—PACKING PLANT—High Grade Packing Plant, c/o J. Tremonty, pres., 2 story, 40 x 80 ft., rein.-con. and tile, Bway. and 65th St., to T. Brown, 1412 30th St., $50,000 cost plus percentage basis. Noted June 10.

Constr. News page 12

Tex., Wichita Falls—BRICK PLANT—Wichita Falls Brick & Tile Co., brick and rein.-con. plant, to Reid & Costley, Staley Bldg. Archts. est. $40,000.

Calif., Los Angeles — DAIRY PLANT — Calla Lily Dairy Co., 4245 East Windsor Rd., Glendale, 100 x 150 ft., brick main building, 25 x 420 ft. machine shop and 40 x 75 ft. truck shed, San Fernando Rd., to Pozzo Constr. Co., 421 Macy St. Noted May 26.

Calif., San Francisco—FACTORY—Royal Tallow Wks., 1260 Davidson Ave., 1½ story, concrete, Davidson St. near Newhall Ave., to S. Rasori, 270 Tehama St., $40,000.

Que., Ste. Anne De Baupre — PAPER MILL and POWER HOUSE—Ste. Anne Power & Paper Co., J. T. Donohue, pres., Murray Bay, Charlevoix, general contract paper mill and power house, here, to W. I. Bishop, Ltd., 10 Cathcart St., Montreal,

Buildings—Educational, Religious

Proposed Work

Me., Rumford — CHURCH — St. John's Church, F. J. Boivin, pastor, having plans prepared by Rogers & Dion, 142 Berkley St., Boston, new church. $150,000.

N. H., Manchester — SCHOOL — St. Anthony's Parish, L. J. Doucet, pastor, having sketches made by W. E. Provest, 1061 Elm St., 2 story and basement, brick and stone, Belmont St. $150,000.

N. H., Somersworth—HIGH SCHOOL—Town, W. H. Young, supt. schools, plans 2 story and basement, brick and stone high school. $150,000. Engineer and architect not selected.

Mass., Brighton (Boston P. O.) — SCHOOL — City of Boston, Schoolhouse Dept., rejected bids 1 story and basement, 85 x 105 ft., brick and stone, Brainard Rd. and Washington St., here. $150,000. Will probably readvertise. E. I. Wilson, 109 State St., Boston, archt.

Mass., Fall River—SCHOOL—City, E. C. Talbot, mayor, plans 2 story and basement, brick vocational school. $150,000. Engineer and architect not selected.

Mass., Lowell — PARISH HOUSE — St. Josephs Roman Catholic Church, J. E. Turcotte, pastor, having preliminary sketches made 2 story and basement, brick, Decatur Ave. $150,000.

Mass., Lynn — SCHOOL — St. Michaels Polish Roman Catholic Church, J. A. Drouzek, pastor, Summer St., plans 2 or more story, brick, Summer St. $150,000. Engineer and architect not selected.

Mass., Malden (br. Boston)—HOME—City, Dept. of Poor, W. J. Proctor, chn., plans 2 or more story, brick, Forest and Sylvan Sts. To exceed $150,000. Engineer and architect not selected.

Mass., Medfield—HIGH SCHOOL—Town, F. H. Kingsbury, chn. School Bd., plans 2 story and basement, brick high school. $150,000. Engineer and architect not selected.

Mass., Quincy—CHURCH and PARISH HOUSE—Bethany Congregational Church, I. Luith, pastor, 118 Presidents Lane, plans 1 and 2 story, brick and stone, Coddington and Spear Sts. $225,000. Engineer and architect not selected.

Mass., Sandwich—SCHOOL—Town, S. M. Beale, Jr., chn. building com., having sketches made by Derby & Robinson, 3 Joy St., Boston, 2 story and basement, brick and stone school. $150,000.

R. I., Providence — ATHLETIC — Brown University rejected bids 2 story, brick and steel athletic buildings, Aldrich Field. $150,000. Clarke & Howe, 1208 Turks Head Bldg., archts. Noted June 17.

R. I., Providence — GYMNASIUM — Brown University, rejected bids 3 story and basement, 122 x 144 ft., brick and steel, Elm Gove Ave. To exceed $150,000. Clarke & Howe, Turks Head Bldg., archts.

R. I., Woonsocket — CONVENT — Jesus Mary Church, c/o W. F. Fontaine, archt., 285 Main St., having sketches made 2 story and basement, brick, Carrington Ave. and Green St. $150,000.

Conn., Bridgeport — HIGH SCHOOL — City, Bd. Educ. plans Junior High School, on Bassick property, Fairfield Ave. $150,000 or more. Engineer and architect not selected.

N. Y., New York — CHURCH — Little Mount Zion Church, c/o M. Courland, engr. and archt., 366 5th Ave., having plans prepared 1 story, brick, steel and stone, plain foundation, East 140th St. $300,000.

N. Y., New York—SYNAGOGUE—Congregation B'Nai Jeshurun, 257 West 88th St., having plans prepared by D. M. Oltarsh, 36 West 44th St., 4 story, brick, steel and stone, plain foundation, 257 West 88th St. $150,000.

Pa., Pittsburgh—CHURCH—Greek Catholic Church of Holy Ghost, Superior Ave., soon lets contract 2 story and basement, 50 x 100 ft., brick and hollow tile, Superior Ave. $150,000. C. Strong, Keystone Bldg., archt. Noted June 3.

Pa., Tyrone—CHURCH—First Methodist Church, c/o J. B. Nason, 1207 Logan Ave., chn. building com., having plans prepared by G. E. Savage, Witherspoon Bldg., Phila., 2 story and part basement, stone, Lagon Ave. Noted Apr. 15.

Pa., Wilkinsburg—SCHOOL—Bd. Educ. having plans prepared by Alden & Harlow, Farmers Bank Bldg., Pittsburgh, 3 story and basement, 125 x 150 ft., brick and steel, Wallace and Mills Sts. $300,000.

Pa., Woodlawn—HIGH SCHOOL—Bd. Educ. having plans prepared by Carlisle & Sharrer, Martin Bldg., Pittsburgh, 1 story and basement, approximately 60 x 100 ft., brick and hollow tile addition. $150,000.

Md., Evergreen (mail Baltimore)—ARTS—Loyola College having plans prepared by L. R. White, Hearst Tower, Baltimore, 3 story and part basement, irregular shaped arts building, stone. $400,000.

N. C., Raleigh—SCHOOLS—City having plans prepared by H. P. S. Keller, 129 Hillcrest St., 16 room school in Hayes-Barton, on Glenwood Ave. $200,000, and Hugh Morson High School, 18 room, South Person St. $250,000; by F. Simpson, Raleigh, 18 room school in East Raleigh, $160,000; and by J. M. Kennedy, Merchants Bank Bldg., 12 room addition, on North Person St., $150,000. H. F. Sryley, Globe Bldg., supt. Noted May 6.

Miss., Clinton — DORMITORY — Mississippi College having plans prepared by J. M. Spain, Millsaps Bldg., Jackson, 100 room, rein.-con. dormitory. $150,000.

Tenn., Dayton — COLLEGE — Bryan Memorial University, M. Lockwood, dir. campaign, raising $450,000 funds, college building. A. P. Haggard, mayor.

O., Columbus—SCHOOLS—Capitol University, takes bids about Aug. 1, 2 story, 49 x 134 ft., and 93 x 71 ft. girls dormitory, and 2 story, 130 x 140 ft. music hall, both brick and stone trim. Perkins, Fellows & Hamilton, 814 Tower Court, archts.

O., Lorain — SYNAGOGUE and COMMUNITY CENTER—Agudath B'Nai Israel Congregation, c/o S. Weingarten, pres., having plans prepared by S. J. Berman, 3030 Euclid Ave., two 2 story, brick buildings. $150,000.

O., Oxford—GYMNASIUM—Bd. Trustees Miami University, having plans prepared by Osborn Eng. Co., East 71st Euclid Bldg., Cleveland, 230 x 235 ft., 60 ft. high, brick, steel and concrete, on campus. $350,000.

Mich., Detroit—CHURCH—St. Josephs Episcopal Church, 40 Holbrook Ave., had plans prepared by Nettleton & Weaver, 1312 Penobscot Bldg., 3 story and basement, rein.-con., brick and steel, plain foundation, Woodward and Holbrook Aves. $220,000.

Mich., Flint—HIGH SCHOOL—Bd. Educ. having plans prepared by Malcolmson & Higginbotham, 1219 Griswold St., Detroit, 3 story and basement, 220 x 350 ft., rein.-con., brick and steel, plain foundation. $750,000.

Mich., Holly—SCHOOL—Bd. Educ. having plans prepared by Malcolmson & Higginbotham, 1219 Griswold St., Detroit, 2 story and basement, 75 x 105 ft., rein.-con., brick and steel, plain foundation. $150,000.

Ill., Bloomington — CHURCH — First Methodist Episcopal Congregation, F. A. McCarthy, pastor, 113 East Grove St., having preliminary plans prepared 2 story, concrete, brick and stone, East Grove St. $150,000. Engineer and architect not announced.

Ill., Urbana — ARCHITECTURAL SCHOOL — University of Illinois having revised plans prepared by J. E. White, Administration Bldg., and C. A. Platt, 101 Park Ave., New York City, N. Y., 3 story, rein.-con., brick and stone, on campus. Former bid date cancelled. $500,000. Noted May 27.

Wis., Wausau—CHURCH—First Presbyterian Church, c/o P. Erickson, pastor, 408 Grant St., having plans prepared by Childs & Smith, 720 North Michigan Blvd., Chicago, Ill., 2 story and basement, brick and

Buildings—Educational, Religious (Cont.)

stone, plain foundation, 4th and Grant Sts. $200,000. Noted May 20.

Ia., Ames — MEMORIAL — Memorial Union of Iowa State College, having plans prepared by Proudfoot, Rawson & Souers, 810 Hubbell Bldg., Des Moines, memorial union building, on campus. $1,000,000. Noted Mar. 12, 1925.

Minn., Minneapolis—SYNAGOGUE and SCHOOL—Temple Israel Congregation, c/o R. M. Hamburger, Northwestern Bank Bldg., having plans prepared by Liebenburg & Kaplan, 617 McKnight Bldg., 3 story and basement, rein.-con. and Kasota or Bedford stone, 24th St. and Emerson Ave. $350,000.

S. D., Aberdeen—PHYSICAL EDUCATION — Northern Normal & Industrial School having plans prepared by J. W. Henry, Aberdeen, and takes bids probably latter part July, physical education building. $200,000.

N. D., Grand Forks — DORMITORY — Lutheran Foundation, c/o D. Stove, pres., 412 Chestnut St., plans 3 story and basement, rein.-con. and brick, near University of North Dakota campus. $200,000. Engineer and architect not announced.

Mo., Kansas City — UNIVERSITY — Bd. Educ., Pub. Library Bldg., J. B. Jackson, secy., purchased 50 acre tract and having plans prepared by C. A. Smith, Finance Bldg., group buildings for Municipal Junior College, Meyer Blvd. and Agnes Ave.

Mo., St. Joseph — SCHOOL — Christian Bros. College, 12th and Henry Sts., had plans prepared by M. Carroll, 614 Ridge Bldg., Kansas City, and soon takes bids 3 story and basement U shaped school. $350,000. Noted Dec. 17.

Mo., St. Louis—MEMORIAL—Episcopal Church of United States, c/o W. Scarlett, dean, 1210 Locust St., soon takes bids 10 or 15 story and basement, rein.-con., brick, stone and steel, Locust St. near 13th St. $750,000. Jamieson & Spearl, 1116 Arcade Bldg., archts. Noted Oct. 2 1924.

Ark., Clarksville—DORMITORY—College of the Ozarks, W. L. Hurie, pres., had plans prepared by A. O. Clarke, Rogers, 3 story and basement, 36 x 132 ft., and 103 x 136 ft., rein.-con. and brick dormitory. $150,000.

Tex., Canyon—CHURCH and SUNDAY SCHOOL—First Baptist Congregation, c/o L. Claybrook, pastor, having plans prepared by Ferrand & Fitch, Slaughter Bldg., Dallas, 3 story and auditorium, 100 x 133 ft., brick, stone, and steel church and Sunday school. $150,000.

Tex., Ft. Worth—SCHOOLS—Election soon $500,000 bonds, new schools, Bd. Educ., c/o Secretary Engineer and architect not selected.

Colo., Ft. Collins—LIBRARY—State Bd. Agriculture plans library. $150,000. A. Morley, Denver, ex-officio member.

Calif., Fresno—HIGH SCHOOL—City of Fresno School Dist. having plans prepared by Fisher, Lake & Travers, Pacific Southwest Bldg., rein.-con., Roosevelt High School. To exceed $150,000.

Calif., Los Angeles—HIGH SCHOOL—City, Los Angeles School Dist. having plans prepared by Dodd & Richards, Brack-Shop Bldg., brick, steel and rein.-con. high school, Denker Ave. $500,000.

Calif., Riverside—SCHOOLS—Voted June 7, $250,000 bonds, additions to elementary schools; $800,000 bonds, 3 Junior High Schools; $125,000 bonds, Junior College; and $125,000 bonds, new cafeteria and physical education departments. Noted Feb. 11.

Calif., Santa Monica—HIGH SCHOOL—Santa Monica Junior High School Dist. plans election $150,000 or more bonds, fireproof Junior High School.

Calif., Simi — SCHOOL — Mt. Carmel Home had preliminary plans prepared by Thorne & Ficker, Western Mutual Life Bldg., Los Angeles, group fireproof buildings. To exceed $150,000.

Calif., South Santa Anita — SCHOOL — Santa Anita School Dist. voted $150,000 bonds, school.

Ont., Bridgeburg—HIGH SCHOOL—Bd. Educ., A. L. Current, chn., having plans prepared by J. Upper Collins, Lundys Lane, Niagara Falls, and takes bids about July 10, 3 story and basement, incl. gymnasium and swimming pool. $200,000.

Bids Desired

Me., Rumford—CHURCH and SCHOOL—St. Anthanasius Parish, F. J. Boivin, pastor, c/o Rogers & Dion, archts., 142 Berkley St., Boston, taking bids 1 and 2 story and basement, brick and stone, Maine Ave. $150,000. Noted Apr. 30.

Me., South Berwick — SCHOOL — St. Michaels Parish, c/o M. H. Maney, archt., 46 Cornhill, Boston, Mass., taking bids 2 story and basement, 65 x 130 ft., brick and stone, here. $150,000.

Mass., Belchertown—SCHOOL, DORMITORY and ADMINISTRATION—July 7, by Dept. Mental Diseases, Boston, 2 story and basement, brick school, dormitory and administration building, here. To exceed $150,000. Kendall, Taylor & Co., 142 Berkley St., Boston, archts.

Mass., Belmont (br. Boston)—SUNDAY SCHOOL and CHURCH TOWER—See "Contracts Awarded."

Mass., Boston—SCHOOL—St. Catherines Parish, T. R. McCoy, pastor, taking bids 3 story and basement, 40 x 125 ft., brick, Vine St. and Hays Sq. $150,000. W. B. Colleary, 80 Boylston St., archts. Noted June 17.

N. Y., East Elmhurst (Ind. sta. Flushing) —SCHOOL—July 14, by W. H. Gompert, supt. school buildings, Flatbush Ave. extension and Concord St., Brooklyn, P. S. 127, 25th Ave. from 98th to 99th Sts., here, for Bd. Educ., 500 Park Ave., New York City.

N. J., Camden—SCHOOL—July 6, by Holy Name Roman Catholic Church, J. Phelen, pastor, 3 story and basement, 70 x 125 ft., rein.-con., steel and stone, plain foundation, 5th and Vine Sts. $175,000. G. J. Lovett, 233 South Sydenham St., Phila., Pa., archt. Noted June 24.

N. J., Union—SCHOOL—July 13, by Bd. Educ. Union Twp., Union High School, Morris Ave., 2 story and part basement, 60 x 200 ft., brick and steel, Diana Pl. and Walker Ave. F. A. Elsasser, 845 Broad St., Newark, archt.

Pa., Phila. — SCHOOL — July 6, by Bd. Educ., 19th and Chestnut Sts., 3 story and basement, 112 x 136 ft., rein.-con. and brick, plain foundation, Hancock and Wildey Sts. $400,000. I. T. Catharine, 19th and Chestnut Sts., archt.

La., New Orleans—SCHOOL—July 9, by Orleans Parish School Bd., City Hall, Allen School, 2 story and basement. $300,000. E. A. Christy, City Hall Annex, superv. archt.

O., Bexley (Columbus P. O.)—SCHOOL —July 9, by J. V. L. Henney, clk., 3 story and basement, 130 x 150 ft., brick, stone and concrete, for Bd. Educ. $300,000. Miller & Reeves, 16 South 3rd St., Columbus, archts. Noted June 17.

O., Dayton—HIGH SCHOOL—July 21, by C. J. Schmidt, clk. Bd. Educ., Ludlow Bldg., 2 story, brick and rein.-con. high school, incl. gymnasium and swimming pool, Nassau St. $200,000. Walker & Norwick, 1301 Amer. Bldg., archts.

Ind., Indianapolis—SCHOOLS—July 8, by Bd. School Comrs., 150 North Meridian St., alterations and brick addition to School 33, brick, 1119 Sterling St., D. A. Bohlen & Son, 1001 Majestic Bldg., archt.; also School 14, brick and rein.-con., 1229 East Ohio St., Pierre and Wright, 1134 Hume-Mansur Bldg., archts. $150,000 each. Noted June 17.

Ind., South Bend—SCHOOL—July 9, by School Trustees, brick, steel and rein.-con., Square Division, Ford, Kentucky and Lake Sts. $226,500. Freyermuth & Maurer, 654 Associate Bldg., archts.

Mich., Grass Lake—SCHOOL—July 7, by O. Cadwell, secy. Bd. Educ., 2 story and basement, rein.-con., steel and brick, plain foundation. $150,000. Lane, Davenport & Paterson, 1017 Charlevoix Bldg., Detroit, archts.

Mich., Lincoln Park (mail Detroit)—SCHOOL—July 7, by A. C. Nieman, secy. Bd. Educ., 2 story and part basement, 16 room and auditorium, Lafayette Blvd. $180,000. Vernor, Wilhelm & Molby, 824 Book Bldg., Detroit, archts.

Wis., Madison—SCHOOL—July 3, by Bd. Educ., W. H. Pickford, clk., 22 West Dayton St., 2 story and basement, 120 x 192 ft., rein.-con., brick and steel, plain foundation. $150,000. Small & Flad, Ellsworth Bldg., archts.

Tex., Houston — SCHOOL — J. Finger, archt., Woolworth Bldg., and H. B. Payne superv. archt., Houston, taking bids Travis School, 2 story, brick, tile and rein.-con. for Bd. Educ., c/o H. L. Mills, bus. mgr., 1600 Washington Ave. $150,000. Noted Apr. 30.

Calif., Los Angeles—SCHOOL—July 7, by Bd. Educ., Jacob A. Riis Boys Opportunity School, fireproof construction. To exceed $150,000. Dodd & Richards, Bracks-Shop Bldg., archts. Noted May 27.

Calif., South Gate—SCHOOL—Trustees, Huntington Park School Dist. taking bids 1 story, 75 x 85 ft. and 88 x 95 ft., brick and rein.-con. school. A. W. Angel, 3400 East 5th St., Los Angeles, archt.

Bids Received

O., Cleveland — LIBRARIES — Pub. Library Bd., C. S. Metcalf, secy.-treas., East 3rd St. and Superior Ave., two 1 and 2 story, brick, steel and concrete branch libraries, one Parkwood Dr., from H. E. Klefman Co., 2840 Lorain Ave., $88,608; and other at 2820 East 116th St., from Bolton-Pratt Constr. Co., 7113 Euclid Ave., $69,063. Noted May 27.

Wis., Madison — SCHOOL — Bd. Educ., c/o H. W. Pickford, clk. 22 West Dayton St., 2 story, 40 x 230 ft., rein.-con., brick and steel, plain foundation, Monroe and Western Sts., from J. H. Findorff, 601 West Wilson St. Archts. est. $150,000. Noted June 17.

Ark., Little Rock — HIGH SCHOOL — Special School Dist., D. R. Fones, secy., 500 Louisiana St., general contract 4 story and basement, rein.-con., brick, steel, stone and terra cotta, Park Ave., from G. Walker, Salina, Kan., $767,643; heating, from Shaw Gas & Plumbing Co., El Dorado, $61,900; plumbing, from Hinstedt & Son, 208 Louisiana St., Little Rock, $58,260; and wiring, from Arkansas Electric Co., 216 Louisiana St., $35,210. Noted June 3.

Calif., Pasadena — GYMNASIUMS — Bd. Educ., June 14, general contract 3 gymnasium buildings at Washington, McKinley and Marshall Junior High Schools, from B. F. Farley, Victory Bldg., Burbank, $139,889.

Contracts Awarded

Me., Rangeley—HIGH SCHOOL—Town, Supt. Schools, 2 story and basement, brick and stone, to V. Dunn, 17 Maple St., Augusta. Archts. est. $150,000.

N. H., Durham—COLLEGE—University of New Hampshire, R. Hetzel, pres., 2 story and basement, 60 x 75 ft., and 60 x 120 ft., brick and stone, to S. Belanger & Son, 308 Main St., Nashua, $162,207.

Mass., Belmont (br. Boston)—SUNDAY SCHOOL and CHURCH TOWER—Belmont Methodist Episcopal Church, D. J. Ilmer, pastor, 71 Tarpelo Rd., will build 3 story and basement, brick and steel Sunday school and church tower, by day labor. $180,000. Woodbury & Stuart, 581 Boylston St., Boston, archts. Noted June 10.

Mass., Fall River — SCHOOL — Notre Dame School, D. L. Robert, pastor, 2 story and basement, brick, Eastern Ave., to S. Boucher, 479 Whipple St. Archts. est. $150,000.

Mass., Hamilton — CHURCH — Christ Episcopal Church, 1 story and basement, brick and stone, plain foundation, Asbury St., to Pitman & Brown, 11 Washington St., Salem. Archts. est. $150,000.

Mass., Medford (br. Boston) — HIGH SCHOOL — City, W. F. White chn., Junior High School, brick and steel, Court St., to C. S. Cunningham & Sons Co., 80 Boylston St., Boston, $446,600.

Mass., Revere (br. Boston)—CHURCH—Immaculate Conception Church, T. J. Holland, pastor, 1 story and basement, brick and stone, Ford and Revere Sts., to A. B. Carter & Son, 73 Tremont St., Boston. Archts. est. $150,000. Noted June 10.

Mass., South Boston (sta. Boston)—CONVENT—Gate of Haven Church, A. Lyons, pastor, 3 story and basement, brick and stone, to J. F. Griffin Co., 15 Exchange St., Boston. Archts. est. $150,000. Noted June 10.

Mass., Springfield—SCHOOL—Bd. Educ., 4 story and basement, 125 x 140 ft., brick and stone addition, Liberty St., to W. W. Davis, 97 Bellevue Ave., Newport, R. I. Archts. est. $150,000.

Mass., Swansea—HIGH SCHOOL—Town, E. R. Stevens, chn. com., 2 story and basement, brick and stone, to Carey Quarry & Constr. Co., 56 North Main St., Fall River. Archts. est. $150,000. Noted June 3.

Mass., Watertown (Ind. br. Boston) — LIBRARY—Town, C. F. Snow, chn. building comn., 2 story and basement, brick and stone, East End, to W. Donaldson, 28 Centre St. Archts. est. $150,000. Noted June 10.

Mass., Westfield — CHURCH — Polish Natl. Catholic Church of St. Joseph, J. L. Soltysiok, pastor, 1 and 2 story and basement, brick and stone, Main St., to J. G. Roy & Sons Co., 21 Silver St., Springfield. Archts. est. $150,000.

Mass., Winchester—PARISH HOUSE—Church of the Epiphany (Episcopal), A. Evans, pastor, 3 story and basement, brick and limestone, to L. E. Wilcutt & Sons, 146 Summer St., Boston. Archts. est. $150,000.

R. I., Providence — SCHOOL — Rhode Island College, c/o W. R. Walker & Son, archts., 49 Weybossett St., 3 story and basement, 60 x 200 ft., brick and terra cotta, Gaspee St., to E. Turgeon, 85 Weybosset St. Archts. est. $650,000. Noted Oct. 22.

R. I., Woonsocket—SOCIETY—L'Union St. Jean Baptist, c/o W. F. Fontaine, archt., 285 Main St., brick and steel, Main St., to Bouvier-Brien Co., 189 Sayles St. Archts. est. $425,000. Noted May 27.

Conn., West Hartford (br. Hartford)—Town, School Bd., Town Hall, 2 story and basement, brick and steel, Fern St., to R. Johnson, 50 Trumbull St., Hartford. Archts. est. $350,000. Noted June 3.

Constr. News page 13

Buildings—Educational, Religious (Cont.)

N. Y., Brooklyn—SCHOOL—Bd. Educ., 500 Park Ave., New York City, general contract P. S. 91, here, to J. Fallon, 225 5th Ave., New York City, $295,000; heating, to Clermont Heating Co., 480 Clermont Ave., $35,785. Noted June 17.

N. Y., Poughkeepsie—REFECTORY and DORMITORIES—Vassar College, 2 and 3 story and basement, brick refectory and dormitories to E. Anderson, 39 Market St. Noted May 27.

Fla., Jacksonville — CHURCH — First Baptist Church, 124 West Church St., 6 story and basement, 105 x 210 ft., stone, terra cotta, stucco and rein.-con., to R. J. Gallespie, Baldwin Bldg. Archts. est. $350,000.

Miss., Clinton — DORMITORY — Mississippi College, J. W. Provine, pres., 3 story, rein.-con., brick and stone dormitory, to I. C. Garbin, Jackson, Miss. Archts. est. approximately $150,000.

La., Gretna — SCHOOLS — Jefferson Parish School Bd., constructing Ward 7 and 8, Schools, to L. J. Woodworth, 337 Baronne St., New Orleans $24,105 and $38,134 respectively; Ames School, in Ward 4, to Geary-Oakes Co., Title Guaranty Bldg., New Orleans, $37,899; and school at Barataria to J. A. Duhe, Hahnville, $7,500. Grand total $187,538. 2 story brick school at Harahan, to Tudor & Roland, Alexandria, $79,900. Noted June 10.

O., Akron—SCHOOL—City, 2 story and basement addition to Rankins School, Storer Ave., to Carmichael Constr. Co., 524 Central Savings and Trust Bldg., $169,290.

O., Chillicothe — SCHOOL — Bd. Educ., general contract Mt. Logan Grade School, 2 story and basement, 100 x 157 ft., brick, steel and concrete, incl. gymnasium and auditorium, to Chappelear & Gardner, Portsmouth, $220,000. Noted June 10.

Ind., Indianapolis—CHURCH—Woodruff Pl., Baptist Church, 2 story and basement, 100 x 100 ft. brick and steel church, to Latham & Walters, 923 State Life Bldg. Archts. est. $150,000. Noted June 10.

Ind., Indianapolis—SCHOOL—Bd. School Comrs., 150 North Meridian St., general contract Grade School 9, 2 story and basement, 105 x 125 ft., brick and rein.-con., to W. P. Jungclaus, 825 Massachusetts Ave. $136,100. Noted Mar. 4.

Ind., Mishawaka—CHURCH—St. Monicas Catholic Church, J. F. Kohl, pastor, 235 West Grove St., 1 story, 70 x 160 ft., brick and stone church, to Kuehn & Jordan, 725 Wilber St., South Bend, $150,000. Noted Apr. 22.

Mich., Belleville — HIGH SCHOOL — E. Dicks, secy. Bd. Educ., general contract 2 story and part basement, 62 x 213 ft., and 58 x 85 ft., rein.-con., brick and steel, plain foundation, Columbia St., to Spence Bros. Constr. Co., Saginaw, appproximately $165,000. Noted June 17.

Mich., Detroit—SCHOOL—St. Anthony's Parish, 5247 Sheridan Ave., general contract 3 story and basement, rein.-con., brick and steel, plain foundation, Sheridan Ave., to Talbot & Meier, 250 West Lafayette Ave. Archts. est. about $160,000.

Mich., Fordson—SCHOOL—Bd. Educ., 2 story and basement, rein.con., brick and steel, plain foundation, Salina Ave., to F. R. Patterson Constr. Co., 2631 Woodward Ave., Detroit. Archts. est. $225,000.

Ill., Alton—HIGH SCHOOL—Bd. Educ., general contract 3 and 4 story, rein.-con., brick and stone, to Modern Systems Constr. Co., Alton; plumbing, etc., to Slattery & Walsh, Peoria; heating and ventilating, to Carson & Payson, Danville. Archts. est. $640,000. Noted May 27.

Wis., Superior — CATHEDRAL — J. J. Pinten, bishop Catholic Diocese of Superior, 2 story, 90 x 220 ft., rein.-con., brick and Bedford stone, plain foundation, Belknap St. and Baxter Ave., to Jacobus Bros., Columbia Bldg., Duluth, Minn., $300,000. Noted June 10.

Neb., Lincoln—CHURCH—First Presbyterian Church, c/o Cram & Ferguson, archts., 248 Boylston St., Boston, Mass., 1 story and basement, brick, stone and marble, here, general contract, to W. Peterson, 305 Wilkinson Bldg., Omaha, $178,500; and heating, plumbing, etc., to Hamilton & Giesler, Plumbing & Heating Co., 1421 P St., Lincoln, $26,000. Noted May 6.

Mo., Kansas City—HOSPITAL—Jackson Co. having plans prepared by O. J. Hoag, Walsix Bldg., 4 story and basement, 45 x 212 ft., rein.-con. and brick hospital. Election Aug. 3. $250,000 bonds for same.

Mo., Lexington—JUNIOR and SENIOR HIGH SCHOOL—Bd. Educ., c/o Secretary, general contract 2 and 3 story and basement, 63 x 224 ft., rein.-con., brick and stone, to Busboom Bros., Fairbury, Neb., $136,590; plumbing and heating, to Reed Co., 3135 Karnes Blvd., Kansas City, $31,320. Noted Apr. 8.

Constr. News page 14

Ore., Portland—GRADE SCHOOL—City, 2 story and basement, 158 x 170 ft., rein.-con. and brick, plain foundation, Fremont St., to H. E. Doering Bros., 84 East 7th St., $234,476.

Calif., Oakland—CATHEDRAL—Masonic Cathedral Assn., 4 story, steel and stone to Macdonald & Kahn, 130 Montgomery St., San Francisco, $1,200,000. Noted Oct. 22.

Calif., San Leandro — SCHOOLS — San Leandro School Dist., two 2 story rein.-con. schools, to J. L. McLaughlin, 251 Kearny St., San Francisco, $135,000. Noted June 10.

Calif., Van Nuys — SCIENCE and MANUAL ARTS—Los Angeles Bd. Educ., 2 story, 75 x 225 ft. domestic science building, and 1 story, 72 x 223 ft. manual arts building, general contract, to Witt & Chute, 2516 West Santa Barbara Ave., $152,155. Noted May 20.

Que., Limoilou — MONASTERY—Quebec Roman Catholic School Bd., A. Taschereau, secy., 77 St. Ursule St., Quebec masonry and carpentry contract 4 story, 47 x 65 ft., rein.-con., brick and stone, 13th St., here, for Teachers of St. Francois D'Assise School, to Magloire Cauchon, 307½ Richardson St., Quebec. Archts. est. $200,000.

Federal Government Work

Proposed Work

Ga., Savannah — Pontoons — U. S. Engineer Office, rejected bids pontoons. Will readvertise.

Washington—Dredging—U. S. Engineers Office, Seattle, received no bids May 24, dredging 16,400 cu.yd. in Hoquian River.

Bids Desired

Mass., Boston—Circulating Loop—Spec. 5190—July 7, by Bureau Yards & Docks, Navy Dept., Wash., D. C., salt water circulating pipe from harbor to central power plant at Navy Yard, here. Noted May 20.

N. Y., Brooklyn—Extracting and Purifying System—Spec. 5220—July 7, by Bureau Yards & Docks, Navy Dept., Wash., D. C., oil extracting and purifying system, at Navy Yard, here. Noted June 24.

N. Y., Middletown—Remodeling—July 9, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here.

Pa., Beaver Falls—Remodeling—July 6, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here.

D. C., Wash.—Cable, etc.—July 6, at office A. L. Flint, genl. purch. officer Panama Canal, cable, wire, switches, panelboards, rheostats, etc.

D. C., Wash.—Equipment—July 7, by Treas. Dept., at office Supervising Archt., mechanical equipment in U. S. Treasury and Liberty Loan Buildings; adv. E. N.-R. July 1.

Mass., Vicksburg—Barges—July 15, at office Third Mississippi River Dist., P. O. Box 404, 8 or more steel-creosoted-wood material barges; adv. E. N.-R. July 1.

P. I., Canacao—Quarters—Spec. 5157—Sept. 15, by Bureau Yards & Docks, Navy Dept., Wash., D. C., junior officers and nurses quarters, at Naval Station, here. Noted June 24.

Bids Received

Mass., Chelsea (br. Boston)—Roads, etc.—Spec. 5216—Bureau Yards & Docks, Navy Dept., Wash., D. C., roads, walks and railings, at Naval Hospital, here, from J. A. Gaffey, Medford, $6,877.

N. J., Lakehurst — Steam Distribution System, etc.—Spec. 5230—Bureau Yards & Docks, Navy Dept., Wash., D. C., June 22, improving steam distribution system, here, from Newport Constr. & Eng. Co., Newport News, Va., $18,215; also coal handling equipment, from W. G. Hudson, 30 Church St., New York City, $6,870.

Md., Baltimore—Roadways—Treas. Dept. at office Supervising Archt., Wash., D. C., June 14, remodeling roadways at U. S. Marine Hospital, here, from A. Spamphinato, 1615 St. Joseph St., $9,054. Noted June 3.

D. C., Anacostia (sta. Wash.) — Refrigerating Plant — Spec. 5232—Bureau Yards & Docks, Navy Dept., Wash., D. C., June 22, automatic refrigeration and cold storage plant, at Naval Air Station, here, from Hines Mfg. Co., 418 St. Charles St., Baltimore, Md., $2,350.

D. C., Wash. — Hangar — Constructing Quartermaster, Munitions Bldg., constructing steel hangar and foundations, etc., at Bolling Field, from A. H. Rogers, Colorado Bldg., $2,980 and $17,850 respectively; foundations and floor, from L. B. Davidson, Bond Bldg., $12,980. Noted May 20.

Va., Norfolk — Plumbing, etc. — Spec. 5201 and 5218—Bureau Yards & Docks, Navy Dept., Wash., D. C., plumbing alterations at Marine Barracks, here, from Cole & Peterson Co., Inc., 432 Bouch St., $2,540; and heating mains, from Virginia Eng. Co., Newport News, $11,989. Noted June 10.

La., New Orleans—Cells—Spec. 5234—Bureau Yards & Docks, Navy Dept., Wash., D. C., June 22, steel cells at Naval Station, here, from Canal Steel Wks., 2126 Poland St., $1,760.

O., Dayton—Administration, etc.—Constructing Quartermaster, Wright Field, June 21, administration building, from E. H. Lathan & Co., 60 East Broad St., Columbus, $207,500; laboratory building, from Danis-Hunt Constr. Co., 1st and Webb Sts., $302,000; and warehouse foundation, from M. E. White, 1735 Fullerton St., Chicago, Ill., $15,875. Noted May 27.

Minn., St. Cloud — Barn, etc. — U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., June 15, from Madsen Co., 702 Natl. Bldg., Minneapolis, general contract dairy barn, etc., $32,986; laundry and equipment $29,183; and water softening plant $4,691. Noted May 20.

Minn., Winona — Boilers, etc. — Treas. Dept. at office Supervising Archt., Wash., D. C., boilers and heating system, at U. S. Post Office, here, from Twin City Plumbing & Heating Co., 1519 East Lake St., Minneapolis, $3,995 and $8,750 respectively. Noted May 27.

Colorado—Road—J. W. Johnson, dist. engr. Bureau Pub. Rds., Dept. Agriculture, Custom House, Denver, grading, etc., 2.42 mi. Fremont Pass Curtin-Frisco Section, Summit Co., from Stamey-Mackey Constr. Co., Hutchinson, Kan., $39,747. Noted June 10.

Colorado—Road—J. W. Johnson, dist. engr. Bureau Pub. Rds., Dept. Agriculture, Custom House, Denver, June 15, grading, graveling, etc., 2.52 mi. Independence Pass Coleman Grade Section, Pitkin Co., from Tagard, MacDonald & McSkimmey, Aspin. $35,433. Noted June 10.

Colorado—Roads—J. W. Johnson, dist. engr. Bureau Pub. Roads, Dept. Agriculture, Custom House, Denver, June 16, grading 4.79 mi. Fremont Pass Climax-Kohoma Sect. Natl. Forest Rd. Project, Lake and Summit Counties, from J. R. Gordon, Denham Bldg., Denver, $45,465; and 9.84 mi. Berthond Pass Surfacing Sect. Natl. Forest Rd. Project, Grand Co., from W. O. Morrison, 409 Cooper Bldg., Denver, $68,343. Noted June 10.

Wash., Yakima — Remodeling — Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling and extending U. S. Post Office, here, from W. O. Boyer, Yakima, $16,545, alternate $15,820. Noted June 3.

Contracts Awarded

Mass., Chelsea (br. Boston)—Gutter, etc.—Spec. 5227—Bureau Yards & Docks, Navy Dept., Wash., D. C., repairing gutter and walks at U. S. Naval Hospital, here, to J. A. Goffey, Medford, $4,699.

N. J., Lakehurst — Water Tank — Spec. 5215—Bureau Yards & Docks, Navy Dept., Wash., D. C., elevated steel water tank at Naval Air Station, here, to Chicago Bridge Co., 30 Church St., New York City, $15,895. Noted June 10.

Va., Norfolk—Road—Spec. 5221—Bureau Yards & Docks, Navy Dept., Wash., D. C., road at U. S. Naval Hospital, here, to E. P. Lindsay, Portsmouth, $11,756. Noted June 10.

Va., Quantico—Dredging—Spec. 5163—Bureau Yards & Docks, Navy Dept., Wash., D. C., dredging at Marine Barracks, here, to McLean Constr. Co., 1415 Fidelity Bldg., Baltimore, $4,250. Noted June 17.

Ill., Great Lakes (br. Waukegan)—Roads—Spec. 5181—Bureau Yards & Docks, Navy Dept., Wash., D. C., road and walks at Naval Training School, here, to Johnson & Anderson, 5822 Elizabeth St., Chicago, $4,255. Noted June 3.

Wis., Green Bay—Dredging—U. S. Engineer Office, Milwaukee, June 11, dredging inner channel of Green Bay Harbor, here, to Zenith Dredge Co., 303 Glencoe Bldg., Duluth, Minn., $99,382. Noted June 17.

Minn., Duluth—Breakwater—U. S. Engineer Office, breakwater repair work in Marquette Bay, to Whitney Bros. Co., 909 Alworth Bldg., $69,477.

Montana—Bureau Pub. Rds., Dept. Agriculture, Spokane, Wash., improving Roosevelt Highway, State Line-Ivonia Sect. Kootenai Natl. Forest, here, to Anderson & Nelson, Fruitland, $49,717.

Mo., Klondike—Revetment—U. S. Engineer Office, 707 Postal Telegraph Bldg., Kansas City, 1,750 ft. revetment on left

Federal Government Work (Continued)

bank Mississippi River, about 2 mi. east of here, to Woods Bros. Constr. Co., Security Bldg., Kansas City. $41,125. Noted May 20.

Washington — Sewerage System, etc. — Spec. 5195—Bureau Yards & Docks, Navy Dept., Wash., D. C., improving sewerage system, at Klipsan Beach, and alterations to quarters, etc. at North Head, to J. G. Wethers, Lyon Bldg., $4,475 (120 days). Noted May 20.

Calif., Mare Island — Chimney — Spec. 5193—Bureau Yards & Docks, Navy Dept., Wash., D. C., concrete chimney at Navy Yard Hospital, to Johnson Eng. & Constr. Co., Bryson St., Los Angeles, $6,135 (150 days). Noted June 17.

Calif., San Diego—Dredging—U. S. Engineer Office, Los Angeles, dredging in harbor, here, to United Dredging Co., Central Bldg., Los Angeles, $141,288. Noted May 27.

Unclassified

Proposed Work

Viaduct and Piers—Boston, Mass.—City, J. H. Hurley, chn. Street Comrs., plans viaduct and piers over Boston & Albany R.R. tracks, at North Harvard St. extension. $875,000. Engineer not selected.

Swimming Pool—Cambridge (Boston P. O.), **Mass.** — Harvard University Athletic Assn., 399 Harvard St., having plans prepared by Coolidge & Shattuck, Ames Bldg., Boston, 1 story, 70 x 170 ft., brick, stone and concrete swimming pool, Howard Sq. $100,000.

Elimination Grade Crossing—Arlington, Tenn.—State Dept. Highways & Pub. Wks., Nashville, and Louisville & Nashville R.R. Co., Louisville, Ky., W. H. Courtenay, ch. engr., making surveys and preliminary plans elimination of grade crossing with concrete overhead crossing, near here. To exceed $25,000. C. N. Bass, highway comr.

Exit Facilities, etc.—Kings Park, N. Y.—State Hospital Comn., Albany, rejected bids May 19, exit facilities and fire stops at Kings Park State Hospital, here. Noted June 3.

Exit Facilities, etc.—Utica, N. Y.—State Hospital Comn., Albany, rejected bids May 19, exit facilities and fire stops at Utica State Hospital, here. Noted June 3.

Stadium—Ann Arbor, Mich.—University of Michigan, having plans prepared by Osborn Eng. Co., archts. and engrs., 7016 Euclid Ave., Cleveland, O., rein.-con. stadium, 70,000 seating capacity. Noted May 6.

Swimming Pool — Clayton, Mo. — See "Buildings—Commercial."

Salt Mines — Blue Ridge, Tex. — Texas Salt Mine Co. having preliminary plans prepared salt mine, 150 tons daily capacity. $500,000. Foundation Co., 120 Liberty St., New York City, engrs.

Park Improvements—Ft. Worth, Tex.—City, Park Bd., c/o M. Berney, chn., election soon $100,000 bonds, park improvements. Engineer not announced.

Subways—Ft. Worth, Tex.—City, Missouri, Kansas City and Texas R.R., Railway Exch. Bldg., St. Louis, Mo., E. A. Hadley, ch. engr., Santa Fe R.R., 80 East Jackson Blvd., C. F. W. Felt, ch. engr. making plans subways under Berry and Capps Sts. at railway crossings. $50,000. D. L. Lewis, Ft. Worth, city engr.

Park Improvements, etc.—San Antonio, Tex.—City Comn. plans election $150,000 bonds park improvements (mostly equipment); and $1,000,000 bonds, flood prevention program. I. Ewig, city engr.

Transmission Line—Wolf, Okla.—Southwestern Light & Power Co., Braniff Bldg., Oklahoma City, granted 25-year franchise and making plans 41 mi. transmission line, here. $40,000.

Ornamental Lighting System—Los Angeles, Calif.—Making plans concrete standards on portions 9th St., Exposition and San Vicente Blvds. To exceed $25,000.

Roadway and Tunnel—Oakland, Calif.—City and Alameda Co. making surveys constructing roadway and tunnel from Walnut Creek to Park Blvd., here, for Victory Highway entrance into Oakland. To exceed $1,000,000. W. W. Harmon, city engr. G. A. Posey, co. surv.

Aerial Tramway—San Juan, Calif.—Old Mission Portland Cement Co., Standard Oil Bldg., San Francisco, plans 5 mi. aerial tramway.

Bids Desired

Baseball Cage—Allston (sta. Boston), **Mass.** — Harvard Athletic Assn., F. W. Moore, major, taking bids 1 story, 150 x 160 ft., baseball cage, brick Soldiers Field, $40,000. G. Lowell, 12 West St., Boston, archt.

Coffer Dams—Foxboro, Mass.—July 7, by J. O. Taber, supt. Pub. Wks., 2 concrete and steel coffer dams, etc. To exceed $25,000. J. J. Van Valkenburgh, Framingham, engr.

Borings—New York—July 7, Lake Champlain Bridge Joint Legislative Com. at office State Engineer, Journal Bldg., Plaza, Albany, preliminary wash and core borings for bridge over Lake Champlain; adv. E. N.-R. July 1.

Bulkhead, etc.—New York, N. Y.—July 7, by M. Cosgrove, comr. Docks, Pier "A," foot Battery Pl., bulkhead platform with wall and constructing Pier New 46, removing old structures, etc., Perry and West 10th Sts., North River, Contr. 1843.

Swimming Pool and Shelter—Phila., Pa.—July 2, by Dept. Pub. Welfare, Bureau Recreation, City Hall, 35 x 90 ft., rein.-con. swimming pool, and 98 x 124 ft., rein.-con., brick and steel shelter, 27th St. between Clearfield and Indiana Sts. P. J. Henon, Finance Bldg., archt.

Foundation—New Orleans, La.—July 6, by Bd. Port Comrs. 200 New Court House Bldg., rein.-con. foundation with timber piling for Poydras and Girod St. wharves; also 1,300 ft. piling for Poydras St. shed piers. $600,000.

Swimming Pool—Dayton, O.—See "Buildings, Educational, Religious."

Heating, Ventilating and Plumbing — Rushville, Ind. — July 7, by Bd. School Trustees, at Superintendents Office, Graham High School Bldg., heating, ventilating and plumbing system in Belle Gregg and Havens Schools. $35,000. Bevington Williams, Inc., 523-4 K. of P. Bldg., Indianapolis, consult. engrs.

Ornamental Lighting System—Elmhurst, Ill.—July 12, by Bd. Local Impvts., City Hall, F. E. Neumann, secy., ornamental lighting system; adv. E. N.-R. July 1.

Overpass—Dallas, Tex.—See "Contracts Awarded."

Pier—Goderich, Ont.—July 6, by S. E. O'Brien, secy. Dept. Pub. Wks., Ottawa, reconstructing 500 ft. North Pier, here. $90,000.

Buildings, etc.—New Zealand—Nov. 1, by Railway Bd., Railway Bldg., Wellington, 6 steel framed buildings and 2 crane gantries, at Hillside near Dunedin; and 7 steel framed buildings and 1 crane gantry, at Addington, near Christchurch.

Bids Received

Bulkhead—New Bedford, Mass.—City, timber bulkhead and rip rap, from Merritt, Chapman & Scott, 292 Pequot Ave., New London, Conn., $29,853.

Foundations—Long Island City, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York City, June 25, additional foundations for elevated railroad columns, Roosevelt Ave., east of Willets Point Blvd., Route 52, Sect. 2, here, Agreement "EN," from P. T. Cox Contg. Co., 154 Nassau St., New York City, (unofficial) $94,494, alternate $119,598. Noted June 17.

Subway—Phila., Pa.—H. E. Ehlers, dir. City Transit, 1211 Chestnut St., June 23, special track work and appurtenances for Fern Rock Terminal Yard of Broad St. subway, Contr. 125, from Loraine Steel Co., Weidener Bldg., $107,190. Noted June 3.

Ornamental Lighting System—Los Angeles, Calif.—For 150 standards on Western Ave., from Newbery Electric Corp., 726 South Olive St., $83,583.

Ornamental Lighting System—Los Angeles, Calif.—Ornamental street lighting system on Santa Monica Blvd. between Sunset Blvd. and Normandie Ave., from J. C. Perry, Detwiler Bldg., $44,652; also Adams St. between Montclair and Moynier Lane, from H. H. Walker, 1323 Venice Blvd., $78,577.

Contracts Awarded

Heating and Ventilating—Medford (br. Boston), **Mass.**—City, Bd. Educ., heating and ventilating system in new Junior High School, Court and Park Sts., to Readon Bros., 341 Union St., Lynn, $60,406. Noted June 3.

Heating, etc.—Buffalo, N. Y.—State Hospital Comn., Albany, heating, addition boiler capacity, etc. at Buffalo State Hospital, here, to English Constr. Co., 15 West 91st St., New York City. Noted June 3.

Subway—Brooklyn, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York City, 14th St.-Eastern Dist. subway from Cooper and Wyckoff Aves., to Stewart St., to Corson Constr. Co., 1440 Bway., New York City, $2,473,680. Noted June 17.

Sanitary Work, etc.—Kings Park, N. Y.—State Hospital Comn., Albany, sanitary work at Kings Park State Hospital, here, to T. E. O'Brien, Inc., 634 5th Ave., Brooklyn; heating, to Gillis & Geoghegan, Inc., 537 Bway., New York City; electrical work to Brackett & Colt, Inc., 1400 Bway., New York City; automatic fire sprinklers, etc., to Industrial Automatic Sprinkler Co., 96 Cortlandt St., New York City; also water lines and hydrants, to C. F. Mentzingers Sons, 354 Bway., Brooklyn. Noted June 3.

River Shafts—New York, N. Y.—New York State Bridge & Tunnel Comn., and New Jersey Interstate Bridge & Tunnel Comn., Woolworth Bldg., completing interiors of New York River shafts of Holland Tunnel below level tunnel sidewalk, Contr. 11, to DeRiso Constr. Co., Hackensack Plank Rd., Jersey City, N. J., on cost plus basis. Noted June 17.

Station Finish—New York, N. Y.—Bd. Transportation, J. H. Delaney, chn., Lafayette St., station finish work at Times Square Station of Rapid Transit R.R., to Ascher Eng. & Constr. Co., 1457 Bway., $178,712. Noted June 17.

Electric Wiring, etc.—Utica, N. Y.—State Hospital Comn., Albany, replacing electric wiring at Utica State Hospital, here to M. H. Johnson Electrical Corp., to Genesse St. and fire alarm system to Wheeler-Green Electric Co., 29 St. Paul St., Rochester. Noted June 3.

Subway, Phila., Pa.—Dept. City Transit, 1211 Chestnut St., special track work, channels and appurtenances for Broad St. Subway, Contr. 124, to W. Wharton, Jr. & Co., Inc., Weidener Bldg., $288,781. Noted June 24.

Bulkhead and Wharf—Sarasota, Fla.—City, steel sheet and timber bulkheading and wharf around city island terminal, to E. W. Parker, Stovall-Nelson Bldg., Tampa, $29,820.

Underground Conduit—Detroit, Mich.—Pub. Lighting Comn., 174 East Atwater St. underground lighting conduits, in Belle Isle Park, Vernor Highway, 12th and 3rd Sts., Forest and Linwood Aves., to Gaffney Constr. Co., 1927 Poplar St., Phila., Pa., $110,422.

Culverts—Columbus, Kan.—See "Streets and Roads."

Culverts—Salina, Kan.—See "Bridges."

Foundation—St. Louis, Mo.—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Overpass—Dallas, Tex.—Atchison, Topeka & Santa Fe Ry., 80 East Jackson Blvd., Chicago, Ill., will build overpass across railroad tracks, point 2 mi. south of Cedar Hill, here, by day labor, under supervision of G. W. Ledbetter, 107 North Clinton St., Dallas, comr. $25,000.

Pier, etc.—Houston, Tex.—R. J. Cummings, engr., Bankers Mortgage Bldg., 800 ft. pier extension and 1 story, 250 x 600 ft., warehouse, Manchester Wharf, to D. Hall, 523 Cotton Exch. Bldg., for Houston Compress Co., c/o A. H. Mueller, secy.-mgr. $219,250. Noted June 17.

Telephone Extensions — Sudbury, Ont. — Bell Telephone Co., will build extensions and improvements to telephone system, by day labor. $30,000.

Materials

Bids Desired

Cement—Long Island City, N. Y.—July 6, by M. J. Shugrue, acting pres. Richmond Boro, Boro Hall, 2,000 bags cement for Bureau of Highways.

Road Oil—Orange, Calif.—July 6, by C. D. Lester, city clk., 6 carloads road oil.

Rail Bonds — Phila., Pa. — July 7, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., 150,000 rail bonds, Plan S.179E. or S.K. 179-B, Contr. 11-1926. A. C. Shand, Broad St. Sta., ch. engr. railroad.

Crushed Stone—North Fond du Lac (br Fond du Lac), **Wis.**—July 7, by E. M. Bronson, village clk., 150 tons crushed stone.

Contracts Awarded

Cable—Boston, Mass.—City, Fire Dept., lead covered cable, to Hazard Mfg. Co., Wilkes-Barre, Pa., $10,340.

Portland Cement—Boston, Mass.—Supply Dept., portland cement required during ensuing year, to Borden & Remington, New Bedford, $3.07 per bbl. Noted Mar. 25.

Sand and Gravel—Minneapolis, Minn.—F. S. Gram, city purch. agt., 31,310 cu.yd. sand and 21,230 cu.yd. gravel, to Gopher Stone Co., 1500 Johnson St., at $0.80 and $1.75 per cu.yd. respectively. Noted May 20.

Asphalt—Montreal, Que.—City, 3,945 tons asphalt, to Sun Oil Co., 1112 St. Patrick St., at $26.68 per ton, total $81,583.

See proposal advertising on page 164

Constr. News page 15

COMPETENCE

IN selecting the organization best fitted to build your industrial project, the paramount consideration is that organization's competency to plan, build and finance.

The U. G. I. Contracting Company has gathered, among its three thousand and more workers, a corps of men extraordinarily experienced in every phase of building—each a specialist in his particular branch.

From preliminary survey to the final grading you may expect, not only conscientious effort, but intelligent and skilful service in engineering, building and—if desired—management.

THE U·G·I·CONTRACTING COMPANY

Philadelphia, U. S. A.

People's Gas Building
CHICAGO

Healy Building
ATLANTA

Builders of

INDUSTRIAL PLANTS, POWER PLANTS, BRIDGES,
GAS PLANTS, PUBLIC WORKS